

**Table S 1. Personality claims (predictions) regarding the link between favourite colours and the Big 6 personality dimensions, extracted from three popular psychology websites in English.** The numbers in the columns of personality dimensions note a count of words from the personality claims matching the words of our list. Personality dimensions are coded as such: C = Conscientiousness, H = Honesty, A = Agreeableness, R = Resilience, E = Extraversion, O = Openness. See Table 1 for summarised predictions.

Colour	Website	Personality claim	C	H	A	R	E	O
Red	EN1	<b>extraverted</b> , optimistic, <b>courageous</b> , confident, physically <b>active</b> , vitality, exciting, stimulating, energy, ambitious, competitive, achievement oriented	0	0	0	1	2	0
Orange	EN1	warm, optimistic, <b>extraverted</b> , flamboyant, <b>friendly</b> , <b>good natured</b> , <b>agreeable</b> , assertive, determined, not <b>aggressive</b> , <b>social</b> , uninhibited, loud talker, charming, <b>sociable</b> , show off, inspiring, vitality, positive energy	0	0	2	0	4	0
Yellow	EN1	happy, <b>cheerful</b> , fun, <b>creative</b> , ideas, critical, perfectionist, analyse, methodical, impulsive, <b>independent</b> , selective	0	0	0	1	1	1
Yellow-Green	EN1	-	0	0	0	0	0	0
Green	EN1	practical, down to earth, <b>stable</b> , balanced, unsettled, <b>anxious</b> , <b>kind</b> , <b>generous</b> , compassionate, <b>calm</b> , take control, caring, nurturing, <b>intelligent</b> , love to learn, quick to <b>understand</b> , open	0	0	4	2	0	1
Turquoise	EN1	<b>friendly</b> , approachable, easy to communicate, compassionate, empathetic, caring, <b>creativity</b> , sensitivity, intuitive, swing <b>emotionally</b> , <b>stable</b> , balanced, chaos	0	0	0	2	1	1
Blue	EN1	<b>conservative</b> , reliable, trustworthy, trusting, worry, not impulsive, not spontaneous, take time, genuine, <b>sincere</b> , <b>responsible</b>	1	1	0	0	0	1
Purple	EN1	sensitive, compassionate, <b>understanding</b> , supportive, <b>gentle</b> , free spirit, <b>peaceful</b> , tranquil, dignity, charismatic, alluring, introverted, <b>shy</b>	0	0	3	0	1	0
Pink	EN1	loving, <b>kind</b> , sensitive, <b>generous</b> , <b>friendly</b> , approachable, warmth, softness, nurturing, maternal, need to protect, take care of others, caring, femininity, romantic, sensual, sensitive	0	0	2	0	1	0
Brown	EN1	<b>honest</b> , down to earth, wholesome, steady, reliable, confident, <b>friendly</b> , approachable, genuine, <b>sincere</b> , sense of duty and <b>responsibility</b> , take obligations seriously, <b>loyal</b> , trustworthy, supportive, dependable, sensitive	2	3	0	0	1	0
White	EN1	<b>neat</b> , immaculate, far sighted, positive, optimistic, cleanliness, well-balanced, sensible, discrete, <b>wise</b> , cautious, practical, <b>careful</b> , not impulsive, self-control	2	0	0	0	0	1
Grey	EN1	neutral, indifferent, isolating yourself, practical, <b>calm</b> , cool, <b>conservative</b> , composed, reliable	0	0	1	0	0	1

Black	EN1	<b>independent, strong</b> willed, determined, in control, <b>conservative, conventional</b> , serious, <b>authoritarian</b> , demanding, dictatorial	0	0	1	2	0	2
Red	EN2	<b>fiery</b> , energetic, centre of attention, excitable, alert, ready to react, passionate	0	0	1	0	0	0
Orange	EN2	happy go lucky, joyful, energy, enthusiasm, <b>creative</b>	0	0	0	0	0	1
Yellow	EN2	vibrant, warm, energy, love attention	0	0	0	0	0	0
Yellow-Green	EN2	-	0	0	0	0	0	0
Green	EN2	<b>kind</b> and sympathetic, help people, steward	0	0	1	0	0	0
Turquoise	EN2	quiet, meek, ferocious, <b>flexible</b> , adaptable	0	0	1	0	0	0
Blue	EN2	meditative, <b>calm</b> , level-headed	0	0	1	0	0	0
Purple	EN2	regal, <b>wisdom</b> , ambition, romantic	0	0	0	0	0	1
Pink	EN2	playful, sweet, <b>out-going</b> , happy	0	0	0	0	1	0
Brown	EN2	wholesome, down to earth, <b>friendly</b> , approachable, open	0	0	0	0	1	0
White	EN2	bright and sunny disposition, positive, perfectionist	0	0	0	0	0	0
Grey	EN2	cool, unbiased, <b>reserved</b> , hard time making decision	0	0	0	0	1	0
Black	EN2	rebellious, adventurous, snarky, gloom and doom	0	0	0	0	0	0
Red	EN3	drive, determination, risk taking, action, physical fulfilment, <b>outgoing</b> , assertive, vigorous, impulsive, sympathy, optimist, voice complaints, aware, centre of attention, leader, easily gain respect	0	0	0	0	1	0
Orange	EN3	love to <b>socialize</b> , good natured, swayed by opinions, good work, <b>strong loyalties</b> , good will, solicitous, optimist, <b>social</b> , problem solver, mediator, even-keeled positivity, zest for life	0	1	1	1	1	0
Yellow	EN3	vivid <b>imagination</b> , nervous energy, need to help, <b>neatly</b> formed thoughts, aloof, <b>shy</b> , sunny, fun, optimism, impulsiveness, spontaneity, positive, happy, <b>imaginative, intellectual</b>	1	0	0	0	1	2
Yellow-Green	EN3	-	0	0	0	0	0	0
Green	EN3	<b>loyal</b> , frank, good citizen, pillar of a community, frank, moral, reputable, sensitive, clarity, objective and <b>fair</b>	0	2	0	0	0	0
Turquoise	EN3	-	0	0	0	0	0	0
Blue	EN3	deliberate, introspective, <b>conservative</b> , sensitive, <b>loyal</b> , sober, grace and composure, trustworthy, good with details, warm, <b>friendly</b> , engaging, ability to recall	0	1	0	0	1	1
Purple	EN3	perfectionist, humanitarian, helps, good mind, ready wit, vanity, observant, fine art <b>creativity</b> , intuition, charisma, visionary, unique, never care about fitting in	0	0	0	0	0	1
Pink	EN3	<b>easy-going</b> , approachable, witty, smart, sparkle <b>socially</b> , caring, nurtures, compassionate	0	0	1	0	1	0

Brown	EN3	great <b>friend</b> , shrewd with money, obstinate, parsimonious, dependable, steady, disdain impulsiveness, simplicity, genuine, transparent, dependable, punctual, truth, slow, steady	0	0	0	0	1	0
White	EN3	<b>organized, independent</b> , logic, refined, high expectations, aloof, self-confidence, <b>reserved</b> , mindfulness, <b>wisdom</b>	1	0	0	1	1	1
Grey	EN3	cool, composed, reliable, tends to conform, cautious, compromise, balanced, <b>stable</b> , trustworthy, <b>fair</b> , objective	0	1	0	1	0	0
Black	EN3	artistic, intuitive, does not share well, worldly, <b>conventional</b> , proper, polite, regal, dignity, private, articulate, dramatic, not unrestrained, conviction, <b>authority</b> , self-control, serious, intimidating, focusing on the details, getting things right, insecurity, <b>conventional, unconventional</b>	0	0	1	0	0	1

**Table S 2. Personality claims (predictions) regarding the link between favourite colours and the Big 6 personality dimensions, extracted from two popular psychology websites in French and one in German.** We present both the original claims and translated claims. The numbers in the columns of personality dimensions note a count of words from the personality claims matching the words of our list. Personality dimensions are coded as such: C = Conscientiousness, H = Honesty, A = Agreeableness, R = Resilience, E = Extraversion, O = Openness. See Table 1 for summarised predictions.

Colour	Website	Personality claim (original)	Personality claim (translated)	C	H	A	R	E	O
Red	FR1	passionné, sage, connaissez vraiment votre valeur, bonne vivante, perfection, déterminé	passionate, heated, torrid, hot-blooded, keen, tempestuous; <b>wise</b> , good, sage, well-behaved; you really know your worth; bon viveur; perfectionist; determined, predetermined;	0	0	0	0	0	1
Orange	FR1	vif, brillant, plein de vie, aimez relever des défis, travaille beaucoup, productive, aimez faire la fête, sortir, sans regrets	<b>lively</b> , intense, abrupt, <b>sharp</b> ; bright, <b>brilliant</b> , rosy; full of life, <b>lively</b> ; love a challenge, address challenges; <b>hard worker</b> , work hard; productive; like to party; go out; without regret	1	0	0	0	1	2
Yellow	FR1	aimable, aimez plaire, faites de nouveaux amis, sympathique, généreux, adapter	amiable, genial, sweet-tempered; like to please; <b>sociable</b> ; likeable, nice, congenial; <b>generous</b> , liberal; to adapt	0	0	1	0	1	0
Yellow-Green	FR1	-	-	0	0	0	0	0	0
Green	FR1	paix, évite toutes les situations de conflits, Vous vous faites rarement des amis, gardez toute votre vie, envie de voyager, d'explorer	<b>peace</b> ; avoids all situations of conflict; rarely make <b>friends</b> ; <b>loyal</b> ; traveller, wanderlust; to explore	0	1	1	0	1	0
Turquoise	FR1	-	-	0	0	0	0	0	0
Blue	FR1	séduisante, élégante, pleine de grâce, fait facilement confiance aux gens, mal à prendre des décisions, acharnement au travail, ponctualité, honnêteté	attractive, beguiling, seductive; elegant, smart, sophisticated, stylish; graceful; trusting, easily trusts people; indecisive, have trouble making decisions, poor decision-making, decision-making problems, decision-making difficulties; relentlessness at work, relentless work, <b>hard work</b> ; punctual; <b>honest</b> , decent	1	1	0	0	0	0
Purple	FR1	charmeur, hypnotisez, audacieux, confiant, arrogance	charmer; to hypnotize; <b>bold</b> , audacious, daring; trusting, confident, self-confident, reliant; arrogant, lordly, overbearing	0	0	0	0	1	0
Pink	FR1	douces, dignes de confiance, centre d'attention, tout le monde peut être ami	<b>gentle</b> , meek; trustworthy, reliable; centre of attention, limelight; everyone can be <b>friends</b> with	0	0	1	0	1	0
Brown	FR1	-	-	0	0	0	0	0	0

White	FR1	chic, sophistiqué, organisé, conseils, fiable, stables, non frivoles	chic, elegance, nice, style; sophisticated; <b>organized</b> ; adviser; reliable, accurate, safe; <b>stable</b> ; not <b>frivolous</b> , not <b>shallow</b> , not flighty, not trivial	2	0	0	1	0	1
Grey	FR1	-	-	0	0	0	0	0	0
Black	FR1	créatives, non ennuyeuses, ne parlent pas beaucoup, confiante, consciente, prenez bien les critiques, ne se mêle jamais de la vie des autres	<b>creative</b> ; not boring, not bothersome, not problematic, not dreary, not tiresome; not <b>talkative</b> ; self-confident, trusting, confident, confiding, reliant; aware, conscious; take criticism well, take criticism seriously; never interferes in the lives of others;	0	0	0	0	1	1
Red	FR2	extraverties, passionnées, optimiste, ambitieux, impulsif, détestent la solitude et la routine, ne vivent que pour les changements, relever les défis	<b>extroverted</b> ; passionate, heated, torrid, hot-blooded, keen, tempestuous; optimistic; ambitious; impulsive; hate loneliness and routine; like change, live only for the changes; rise to a challenge, address challenges	0	0	0	0	1	0
Orange	FR2	créatifs, extravertis, énergie, indépendants, s'amuser, vie sociale riche, beaucoup d'amis, agréable, superficiels, inconstants	<b>creative</b> ; <b>extroverted</b> ; energetic; <b>independent</b> ; have fun, to amuse oneself, amuse, enjoy oneself, toy; rich <b>social</b> life; lots of <b>friends</b> ; pleasant, <b>agreeable</b> , nice, comfortable, enjoyable, gratifying, likeable; superficial, flighty, <b>shallow</b> ; inconstant, fickle	0	0	1	1	3	2
Yellow	FR2	Joie de vivre, sagesse, imagination, rayonnantes, drôles, visionnaires, aventureux, perpétuelle de renouveau, visionnaires, sens aigu des affaires, inspirer, motiver, bonne opinion de leurs propres capacités mentales, idéal élevé, éluder leurs responsabilités, liberté de pensée et d'action	<b>cheerful</b> disposition, pleasure of life, joy of life; <b>wisdom</b> , good behaviour, discretion; <b>imagination</b> , fancy, fantasy; radiant; funny, comic; visionary; adventurous, risky; perpetual quest for renewal; visionary; business acumen, <b>strong</b> business acumen; to inspire; to motivate; good opinion of their own mental abilities; high ideal; shirk their <b>responsibilities</b> ; freedom of thought and action	1	0	0	1	1	2
Yellow-Green	FR2	-	-	0	0	0	0	0	0
Green	FR2	douces, sincères, compassion, franches, sociables, solitude ne les dérange pas, modestes, patientes, s'effacer, peuvent être exploitées, raffinées, polies, dignes de confiance, rassurant	<b>gentle</b> , meek; <b>sincere</b> , candid, genuine, guileless, heartfelt; sympathetic, compassion; frank, hearty, open, above board, candid, direct, outspoken, plain, plain-spoken, straight, truthful; <b>sociable</b> , <b>gregarious</b> , <b>outgoing</b> ; loneliness doesn't bother them, they don't mind being alone; <b>modest</b> , humble; <b>patient</b> , forbearing; to move aside, to fade away, to disappear, efface; can be exploited, can be used, can be operated; refined, courtly,	0	2	2	0	3	0

			sophisticated; polite, civil, courteous; trustworthy, reliable; reassuring							
Turquoise	FR2	-	-		0	0	0	0	0	0
Blue	FR2	doux, apaisant, bienveillant, persévérant, consciencieux, sensibles, empathie, confiance à leur intuition, stabilité, sagesse, responsabilités, inflexibles, anxieuses, trop prudentes	<b>gentle</b> , meek; <b>calming</b> ; <b>kind</b> , benevolent; perseverant; <b>conscientious</b> , <b>thorough</b> ; sensitive, significant, noticeable, tender, tender-hearted; empathy; trust their intuition; <b>stability</b> ; <b>wisdom</b> , good behaviour, discretion; <b>responsibility</b> , onus, accountability, blame, concern, liability, mantle; <b>inflexible</b> , adamant, grim, rigid; <b>anxious</b> ; too much: cautious, <b>careful</b> , <b>wise</b> , chary, guarded, prudent, wary	4	0	4	2	0	2	
Purple	FR2	rêveurs, spirituelles, altruistes, généreuses, dotées d'un sixième sens, distantes, non-conventionnelles, vivre dans un monde imaginaire	dreamer; spiritual, witty; altruistic; <b>generous</b> , liberal; sixth sense; distant, aloof; <b>non-conventional</b> ; dreamy, live in a fantasy world	0	0	1	0	0	1	
Pink	FR2	perspicaces, émotives, détestent les conflits, sont à l'écoute des autres, affection, entourées, aimées	perceptive; <b>emotional</b> ; hate conflict, conflict averse; attentive to others, listen to others; want affection; supported; beloved	0	0	0	1	0	0	
Brown	FR2	murer, endurante, patiente, solide, consciencieuse, fiable, conservateur, sympathique, généreux, obstinée, inflexible	mature; <b>tough</b> ; <b>patient</b> , forbearing; <b>strong</b> , healthy; <b>conscientious</b> , <b>thorough</b> ; reliable, accurate, safe; <b>conservative</b> ; likeable, nice, congenial; <b>generous</b> , liberal; obstinate, <b>stubborn</b> , determined; <b>inflexible</b> , adamant, grim, rigid	2	0	4	2	0	1	
White	FR2	originale, attentive, rêveuse, perfection, idéaux impossibles, fraîcheur perdues, simplicité	<b>original</b> , novel; attentive, alert, intent; dreamer; impossible perfection; impossible ideal; regain lost freshness; simple, mere, straightforward	0	0	0	0	0	1	
Grey	FR2	logiques, peu émotives, objectives, maîtresses d'elles-mêmes, succès, stable, sans surprise, masquant leur véritables personnalités ou objectifs	logic; <b>unemotional</b> ; objective; self-controlled; successful, hit; <b>stable</b> ; without surprise; hiding their true personalities or goals	0	0	0	2	0	0	
Black	FR2	dignes, disciplinées, impressionnantes, sans être ostentatoires, mystérieuse, impressionner	dignified, worthy, decorous, matronly; <b>disciplined</b> , <b>orderly</b> ; <b>impressive</b> , awe-inspiring, awesome; openly, unobtrusively; mysterious, uncanny; impress	2	0	0	0	0	1	

Red	DE1	Energie, begeisterungsfähig, tatkräftig, Ziel, kompromisslos, Direkt, ungeschönt, verletzend, Stillstand, ausrasten	energy, vigour/vigor; enthusiasm, ardour/ardor; energetic, <b>active</b> ; single-minded, purposeful; uncompromising; direct, forthright, straight, right, square, immediate; unembellished, unvarnished, unadorned; barbed, offensive; standstill; to go postal / freaked out;	0	0	0	0	1	0
Orange	DE1	Kraft, Freude, Geselligkeit, Geselligkeit, heitert, seelischer Erschöpfung, positive, Energie, reißen andere mit, Genussfreude, optimistischen, laut, aufdringlich, angeberisch	by virtue of, <b>strength</b> , power, force, employee; joy, pleasure, delight, gladness, rejoicing; <b>sociability</b> , conviviality; <b>cheerful</b> , <b>fair</b> , fine, light, hilarious, humorous, jovial, serene; mental exhaustion, <b>emotional</b> exhaustion, mental fatigue; positive, plus; energy, vigour/vigor; to tear, to rip, to pull, to make, to kill, to fight over sb/sth, crack, yank, split, wear; joy of enjoyment, delightfulness, pleasure; optimistic; sound, loud, sth is made known, noisy, aloud, beep; pushy, obtrusive, overpowering, meddlesome, officious; swanky, showy, flashy, <b>boastfully</b>	0	2	0	2	2	0
Yellow	DE1	Heiterkeit, Reife, Fröhlichkeit, Vielseitigkeit, Vielseitigkeit, Großzügigkeit, Toleranz, Unabhängigkeit, keineswegs egoistisch, keineswegs leichtfertig, Gesprächspartner, Positives, kein Grübeleien, kein Unentschlossenheit, vorschnellen	<b>cheerfulness</b> , merriment, hilarity, joviality, sereneness; ripeness, maturity, matureness, mellowness; <b>cheerfulness</b> , happiness, merriment, gaiety, glee, jolliness, jollity, joyfulness, mirth; versatility; generosity, magnanimity; tolerance, allowance; <b>independence</b> , self-sufficiency; not egoistic; not <b>careless</b> , not rash, not flippantly, not airy, not glib; <b>talkative</b> , communicative, conversational, expansive, voluble; positive, plus; not to ponder, not to brood; not indecision; <b>rash</b>	2	0	0	1	2	0
Yellow-Green	DE1	-	-	0	0	0	0	0	0
Green	DE1	Zuverlässigkeit, Ausdauer, Leben, Hoffnung, Hoffnung, Optimismus, praktisch, Wesentliche, kein Träumereien, kein gefühlskalt, mitfühlend, Freunde, zuhören, Sicherheit bedacht, materielle	reliability, trustiness, staunchness; stamina, endurance, staying power, hardiness; to live, to be alive, life; hope, promise; optimism; practical, convenient; essential, fundamental, <b>important</b> , considerably, substantially; no dream, no reverie; not cold; sympathetic, empathetic; <b>friend</b> ; to listen; concerned about security, concerned about safety; material, financial	0	0	0	0	1	1
Turquoise	DE1	-	-	0	0	0	0	0	0

Blue	DE1	Entspannung, Sachlichkeit, geistige Stärke, geistige Stärke, talentierte Geschäftsleute, Erfolg, konservativ, Bewährte, innerer Stärke, Offenheit, verunsichert, können Sie damit sehr gut umgehen	relaxation; objective, matter-of-fact, factual, functional; mental <b>strength</b> , spiritual <b>strength</b> , <b>intellectual strength</b> , mental power; <b>talented</b> ; success; <b>conservative</b> ; to prove yourself; intrinsic <b>strength</b> , inner <b>strength</b> , internal <b>strength</b> , inherent <b>strength</b> ; frankness, openness; to make uncertain, to unnerve; controlled	0	0	0	1	0	3
Purple	DE1	Idealismus, Sensibilität, hohe Ansprüche an sich selbst, hohe Ansprüche an sich selbst, glauben an das Gute im Menschen, Empfindsamkeit, empfänglich, mystisch, geheimnisvoll, Durchhaltevermögen, überzeugt, sensible, Geltungsbedürfnis, ernst genommen	idealism; sensitivity; high expectations of oneself, high demands on oneself, high standards for oneself; believe in the good in people; sensitive; receptive, responsive, susceptible; mystic, mysterious; mysterious, cryptic; stamina, staying power; confident; sensitive; craving (for) recognition; to be taken seriously	0	0	0	0	0	0
Pink	DE1	-	-	0	0	0	0	0	0
Brown	DE1	Bodenständigkeit, Fleiß, Freigebigkeit, erdverbundene, erdverbundene, sympathisch, zuverlässige, Halt, Ruhe, Nützliche, handwerklichen, Geistige Höhenflüge, kein Aufgeregtheit, kein hektische, Veränderung	down-home, homespun, long-established; <b>diligence</b> , application, <b>industry</b> , studiousness; generosity, bounty, <b>generousness</b> ; earth-connected, grounded, earthbound; likable, nice; reliable, trusty, <b>responsible</b> , staunch; hold, support, footing, stop, <b>just</b> , simply; <b>quiet</b> , rest, <b>peace</b> , <b>calm</b> , placidness, repose, tranquillity; useful, beneficial, functional, utilitarian; technical, artisanal; <b>intellectual</b> flights of fancy, spiritual flights of fancy, spiritual high flights, mental flights of fancy, mental high flights; not excited, not nervous, not agitated; no frantic, no hectic, no frenetic; change, shift, transformation, variation	3	1	3	0	1	1
White	DE1	Klugheit, Bescheidenheit, Reinheit, Reinheit, Gute, neutral, korrekt, planen sorgfältig, keine Überraschungen, weniger Spontane, zurückhaltend, freundlich, ohne Vorurteile, ausgenutzt	<b>cleverness</b> , cunning, judiciousness, prudence, smartness; <b>modesty</b> , humbleness, humility; purity, pureness, cleanness, chasteness, clarity; good; neutral; correct, above board; plan <b>carefully</b> ; don't like surprise; not really spontaneous; <b>reserved</b> , unobtrusive, restrained, polite, muted, cautiously, with restraint, aloof, distant, guarded, reticent, retiring, <b>shy</b> ; <b>friendly</b> , nicely, genial, neighbourly, <b>kind</b> , pally; without prejudice, without bias; exploited	1	1	1	0	3	1



Grey	DE1	Sachlichkeit, Zurückhaltung, Ernsthaftigkeit, Eleganz, Wertbeständigkeit, neutralisierende, Seriosität, Gleichmut, überlegt	objective, matter-of-fact, factual, functional; <b>reserve</b> , caution, restraint, aloofness, reticence; serious; elegance, stylishness; <b>stability</b> of value, Value retention; neutralize; seriousness, reliability, integrity; serenity, equanimity; methodical	0	0	0	1	1	0
Black	DE1	Würde, Bedeutung, unergründlich, faszinierend, bedrohlich, schwer, Wesentliche, Wesentliche, ernst genommen, seriös, Respekt, Erfolg, loyal, Treue, Verlässlichkeit, Selbstzweifel, Pflichterfüllung, Erfolgsstreben	dignity, lordliness; meaning, <b>importance</b> , significance, noteworthiness, greatness, magnitude, weightiness; impenetrable; fascinating; threatening, menacing; heavy, grievous, hard; essential, fundamental, <b>important</b> , considerably, substantially; to be taken seriously, gravely; serious, reliable; respected; success; <b>loyal</b> ; <b>faithfulness</b> , fidelity, <b>loyalty</b> , allegiance; reliability; self-doubt; performance of <b>duties</b> , fulfilment of <b>duties</b> ; striving for success, aspiration for success	1	2	0	0	0	1

**Table S 3. Personality adjectives making the cross-cultural core of each Big Six personality dimension.** The adjectives were extracted from three sources (Ashton et al., 2004; Ashton & Lee, 2007; Saucier, 2009).

Conscientiousness	Honesty	Agreeableness	Resilience	Extraversion	Openness/Originality
Absent-minded	Awful	Aggressive	Anxious	Active	Admirable
Careless	Bad	Agreeable	Brave	Boldness	Aesthetic appreciation
Conscientious	Beastly	Authoritarian	Courageous	Cheerful	Average
Consistent	Boastful	Brawling	Cowardly	Extraverted	Brilliant
Diligent	Calculating	Calm	Dependence	Friendly	Clever
Dutiful	Conceited	Choleric	Depressed	Gregarious	Conservative
Frivolous	Corrupt	Easy-going	Emotional	Introverted	Conventional
Hard-working	Cruel	Fiery	Fearful	Lively	Creative
Irresponsible	Dangerous	Flexibility	Fragile	Outgoing	Gifted
Lazy	Deceitful	Forgiving	Frustrated	Passive	Important
Moderate	Disgusting	Generous	Gloomy	Quiet	Impressive
Neat	Evil	Gentle	Imperturbable	Reserved	Innovative
Precise	Fairness	Good-natured	Oversensitive	Shy	Inquisitiveness
Rash	Faithful	Hot-headed	Resolute	Silent	Intellectual
Reckless	Greedy	Ill-tempered	Sad	Smiling	Intelligent
Responsible	Honest	Impatient	Self-assured	Sociable	Ironic
Systematic	Hypocritical	Irascible	Sentimental	Solitary	Knowledgeable
Thorough	Inhuman	Irritable	Stable	Taciturn	Ordinary
Tidy	Insane	Kind	Strength	Talkative	Original
	Just	Lenient	Strong	Vivacious	Outstanding
	Loyal	Mild	Tough	Withdrawn	Shallow
	Modest	Patient	Vulnerable		Sharp

Pompous	Peaceful	Talented
Pretentious	Quarrelsome	Traditional
Sincere	Quick-tempered	Unimaginative
Unassuming	Stubborn	Unusual
Vicious	Tolerant	Wise
Wicked	Understanding	

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**Table S 4. The count of websites making a prediction between each favourite colour and each personality trait.** C = Conscientiousness, H = Honesty, A = Agreeableness, R = Resilience, E = Extraversion, O = Openness.

Favourite colour	C	H	A	R	E	O
Red	0	0	1	1	4	1
Orange	1	2	3	3	5	3
Yellow	3	0	1	3	5	3
Yellow-Green	0	0	0	0	0	0
Green	0	3	4	1	3	2
Turquoise	0	0	1	1	1	1
Blue	3	3	2	2	1	4
Purple	0	0	2	0	2	3
Pink	0	0	3	1	4	0
Brown	3	2	2	1	4	2
White	4	1	1	2	2	5
Grey	0	1	1	3	2	1
Black	2	1	2	1	1	5

**Table S 5. Descriptive statistics for the Big Six personality traits in our sample of participants.**

Personality trait	<i>M</i>	95% <i>CI</i>	<i>SD</i>	Range	$\alpha$
Conscientiousness	15.8	[15.34, 16.27]	4.25	5-25	.73
Honesty	17.87	[17.48, 18.26]	3.57	5-25	.65
Agreeableness	16.17	[15.70, 16.64]	4.29	5-25	.76
Resilience	12.08	[11.66, 12.50]	3.82	5-25	.73
Extraversion	18.41	[18.03, 18.79]	3.47	7-25	.60
Openness/Originality	16.74	[16.43, 17.06]	2.87	7-25	.51

*M* = mean, 95% *CI* = 95% confidence interval, *SD* = standard deviation, range = range of all observed values (min-max), and  $\alpha$  = Cronbach's alpha. Possible scores for each trait are between 5 to 25.

**Table S 6. Colour terms that participants listed as their favourite or least favourite in an open answer format.** The terms are presented by pre-defined colour categories, to which participants categorised the terms themselves.

Colour category	Favourite colour			Colour category	Least favourite colour		
	Open answer				Open answer		
	French version)	(original English (translations)	n (%)		French version)	(original English (translations)	n (%)
Red	Rouge	Red	26 (53)	Red	Rouge	Red	6 (76)
	Bordeaux	Bordeaux	10 (20)		Bordeaux	Bordeaux	1 (13)
	Rouge-orange/rouge-orangé/Une teinte entre le rouge et l'orange	Red-orange/ red-orange/a shade between red and orange	3 (6)		Rouge vif	bright-red	1 (13)
	Rouge vif	Bright-red	2 (4)				
	Rouge foncé	Deep red	2 (4)				
	Rouge cerise	Cherry red	1 (2)				
	Framboise foncé, bordeaux avec du fuchsia	Dark raspberry, burgundy with fuchsia	1 (2)				
	Rouge feu	Fire red	1 (2)				
	Rouge coquelicot, corail	Poppy red, coral	1 (2)				
	Le rouge no. 031 des Pastels de Sennelier	Ruby red no. 031 of Sennelier oil pastels	1 (2)				
	Rouge fraise	Strawberry red	1 (2)				
Orange	Orange	Orange	9 (64)	Orange	Orange	Orange	24 (77)
	Orange-brique	Brick orange	1 (7)		Orange fluo	Bright orange	2 (6)
	Orange crépuscule	Dusk orange	1 (7)		Orange vif	Bright orange	1 (3)

	Ocre	Ochre	1 (7)		Orange brun/orange ou brun	Orange-brown/orange or brown	2 (6)
	Rouge-orangé	Red-orange	1 (7)		Brun	Brown	1 (3)
	Orange doux et profond virant sur le rouge	Soft, deep orange turning to red	1 (7)		Les couleurs telles que le jaune ou l'orange	Colours like orange or yellow	1 (3)
Yellow	Jaune	Yellow	20 (71)	Yellow	Jaune	Yellow	23 (79)
	Doré/or	Golden/gold	2 (7)		Jaune canard	Duck yellow	1 (3)
	Châtain doré	Golden brown	1 (4)		Jaune fade	Dull yellow	1 (3)
	Jaune moutarde ou jaune orange	Mustard yellow or orange yellow	1 (4)		Le jaune citron	Lemon yellow	1 (3)
	Jaune pâle	Pale yellow	1 (4)		Jaune moutarde	Mustard yellow	1 (3)
	Jaune tournesol	Sunflower yellow	1 (4)		Orange	Orange	1 (3)
	Jaune foncé chaud ou alors clair	Warm dark yellow or light yellow	1 (4)		Jaune pâle	Pale yellow	1 (3)
	Jaune ocre	Yellow ochre	1 (4)				
Yellow-Green	Vert lime	Lime green	2 (67)	Yellow-Green	Jaune vert	Yellow-green	4 (29)
	Kaki	Khaki	1 (33)		Vert	Green	2 (14)
					Kaki	Khaki	2 (14)
					Vert caca d'oie	Goose poop green	1 (7)
					Vert clair	Light green	1 (7)
					Vert clair ou jaune-vert	Light green or yellow-green	1 (7)
					Jaune vert pâle	Pale yellow-green	1 (7)
					Vert jaune	Yellow green	1 (7)
					Jaune pisser vert brun	Yellow pee green brown	1 (7)
Green	Vert	Green	12 (43)	Green	Vert	Green	28 (62)
	Vert pomme	Apple green	4 (14)		Vert clair	Light green	4 (10)

	Vert foncé	Dark green	2 (7)		Vert foncé/très foncé	Dark green/very dark green	3 (7)
	Vert émeraude	Emerald green	2 (7)		Kaki	Khaki	3 (7)
	Vert clair	Light green	2 (7)		Vert fluo	Bright green	1 (2)
	Vert vif	Bright Green	1 (4)		Vert pétant	Bright green	1 (2)
	Vert sapin	Fir green	1 (4)		Vert flash	Flashy green	1 (2)
	Vert feuillage	Foliage green	1 (4)		Vert caca d'oie	Goose poop green	1 (2)
	Vert forêt	Forest green	1 (4)		Vert-brun, kaki	Green-brown, khaki	1 (2)
	Vert herbe	Grass Green	1 (4)		Vert olive	Olive Green	1 (2)
	Vert clair ou rouge	Light green or red	1 (4)		Vert pistache	Pistachio Green	1 (2)
Turquoise	Turquoise	Turquoise	8 (36)	Turquoise	Turquoise	Turquoise	1 (100)
	Bleu-turquoise/	Turquoise-blue/Turquoise	7 (32)				
	Turquoise qui tend plus vers le bleu	which tends more towards the blue					
	Bleu	Blue	3 (14)				
	Toutes les teintes de bleu	All shades of blue	1 (4)				
	Cyan	Cyan	1 (4)				
	Vert	Green	1 (4)				
	Vert-bleu	Green-blue	1 (4)				
Blue	Bleu	Blue	27 (38)	Blue	Bleu	Blue	4 (57)
	Bleu clair	Light blue	7 (10)		Bleu foncé	Dark blue	1 (14)
	Bleu roi	Royal blue	6 (8)		Bleu ciel	Light blue	1 (14)
	Bleu foncé	Dark blue	5 (7)		Bleu océan	Ocean blue	1 (14)
	Bleu-turquoise/bleu-vert	Blue-turquoise/blue-green	3 (4)				
	Bleu marine	Navy blue	3 (4)				
	Bleu pastel	Pastel blue	3 (4)				



	Bleu cyan	Cyan blue	2 (3)				
	Indigo	Indigo	2 (3)				
	Bleu ciel	Sky blue	2 (3)				
	Bleu électrique	Electric blue	1 (1)				
	Bleu galaxie	Galaxy blue	1 (1)				
	Bleu klein	[Calvin] Klein blue	1 (1)				
	Bleu ciel, bleu canard, bleu cobalt	Light blue, duck blue, cobalt blue	1 (1)				
	Bleu clair pastel	Light pastel blue	1 (1)				
	Bleu océan	Ocean blue	1 (1)				
	Bleu pâle	Pale blue	1 (1)				
	Bleu pétrol, noir	Petrol blue, black	1 (1)				
	Bleu de prusse	Prussian blue	1 (1)				
	Bleu tendre	Soft blue	1 (1)				
	Bleu outremer	Ultramarine blue	1 (1)				
Purple	Violet	Purple	11 (35)	Purple	Violet	Purple	20 (61)
	Lila	Lilac	4 (13)		Violet foncé	Dark purple	3 (9)
	Bordeaux	Bordeaux	3 (9)		Violet clair	Light purple	3 (9)
	Violet clair	Light purple	2 (6)		Aubergine	Aubergine	2 (6)
	Bleu-violet foncé	Dark blue-purple	1 (3)		Violet pétant	Electric purple	1 (3)
	Violet foncé/très foncé (aubergine)	Dark violet/ very dark (aubergine)	1 (3)		Fuchsia	Fuchsia	1 (3)
	Lavande	Lavender	1 (3)				
	Mauve	Mauve	1 (3)		Lila	Lilac	1 (3)
	Violet mystérieux	Mysterious purple	1 (3)		Violet pâle, rosé	Pale purple, pinkish	1 (3)
	Lila pastel	Pastel lilac	1 (3)		Violet, mauve	Purple, mauve	1 (3)
	Violet pastel	Pastel purple	1 (3)				
	Violet un peu plus clair que le raisin	Purple a little lighter than grape	1 (3)				
	Violet orchidée	Purple orchid	1 (3)				

	Violet couché de soleil	Purple sunset	1 (3)				
	Violet royal	Royal purple	1 (3)				
Pink	Rose	Pink	9 (45)	Pink	Rose	Pink	26 (60)
	Rose pale	Pale pink	3 (15)		Fuchsia	Fuchsia	3 (7)
	Fuchsia	Fuchsia	2 (10)		Rose vif	Bright pink	2 (5)
	Rose pastel	Pastel pink	2 (10)		Le rose “Deep pink”	Deep pink	2 (5)
	Rose antique	Antique pink	1 (5)		Rose fluo	Fluorescent pink	2 (5)
	Rose clair	Light pink	1 (5)		Rose pétant	Hot pink	2 (5)
	Rose orangé	Orangy pink	1 (5)		Rose bonbon	Candy pink	1 (2)
	Saumon	Salmon	1 (5)		Rose clair	Light pink	1 (2)
					Magenta	Magenta	1 (2)
					Rose pale	Pale pink	1 (2)
					Violet	Purple	1 (2)
					Rose saumon	Salmon pink	1 (2)
Brown	Brun	Brown	2 (40)	Brown	Brun	Brown	59 (77)
	Brun clair avec tendance au doré “Peru”	Light brown with gold “Peru”	1 (20)		Marron	Brown	6 (8)
	Brun boisé	Woody brown	1 (20)		Brun foncé	Dark brown	3 (4)
					Kaki	Khaki	3 (4)
					Beige	Beige	1 (1)
					Bitume	Bitumen	1 (1)
					Brun vert	Brown green	1 (1)
					Vert caca d’oie	Goose poop green	1 (1)
					Vert qui tire sur le brun	Green pulling brown	1 (1)
					Brun clair	Light brown	1 (1)
White	Blanc	White	7 (70)	White	Blanc	White	3 (75)
	Blanc brillant	Bright white	1 (10)		Blanc-gris	White-grey	1 (25)
	Blanc cassé	Off-white	1 (10)				

Grey	Blanc beige	White beige	1 (10)	Grey	Gris	Grey	17 (81)
	Gris	Grey	2 (67)		Brun-gris-vert foncé, vomis	Dark brown-grey-green, vomit	1 (5)
	Taupe	Taupe grey	1 (33)		Gris foncé	Dark grey	1 (5)
Black	Noir	Black	36 (95)	Black	Gris-brun	Grey-brown	1 (5)
	Vantablack	Vantablack	1 (3)		Gris souris	Mouse grey	1 (5)
	Violet, noir	Violet, black	1 (3)		Noir	Black	9 (82)
					Noir sombre	Dark black	1 (9)
					Noir de la nuit	Night black	1 (9)