

Blue Dreams: The Science and the Story of the Drugs that Changed Our Minds

This box shows the color blue.

Flag of Scotland has a blue background

Blue Marble The famous photograph of Earth , taken by NASA 's Apollo 17

Blue is one of the colors of the rainbow that people can see. It is one of the seven colors of the rainbow along with red, orange, yellow, green, indigo and violet. Apart from indigo and violet, it has the shortest wavelength of these colors (about 470 nanometers).

Blue is the color of the Earth's sky and sea. Earth looks blue when seen from outer space by astronauts.

Blue is a color used to show coldness. It is also one of the colors your lips can turn if you are chilly.

Blue is the color of a bluebird. A blue jay is the cool color blue.

Meaning of blue [[change](#) | [change source](#)]

The color blue is sometimes associated with sadness, which may be where the name of the music style The Blues comes from. Blue is a color of the Jewish religion. In Western cultures since the 1940s, blue is associated with men/boys, while pink is associated with women/girls. Before the 1940s, it was the other way around, so blue was for women/girls and pink was for men/boys. Nobody knows exactly why it changed.[1][2]

Comparison of green, teal, blue and ultramarine [[change](#) | [change source](#)]

Name	Color	HEX Code	Red	Green	Blue	Hue	Sat	Lum	Green
		#008000	0	128	0	120°	100%		
50%	Teal	#008080	0	128	128	180°	100%	50%	Blue
		#0000FF	0	0	255	240°	100%	100%	
	Ultramarine (Electric Ultramarine)	#3F00FF	63	0	255	255°	100%	100%	

Comparison of blue, indigo, violet and purple [[change](#) | [change source](#)]

Name	Color	HEX Code	Red	Green	Blue	Hue	Sat	Lum	Blue
		#0000FF	0	0	255	240°	100%		
100%	Indigo (Electric Indigo)	#6F00FF	111	0	255	266°	100%	100%	Violet (Color Wheel) (Near Violet)
		#7F00FF	127	0	255	270°	100%	100%	Violet (Electric Violet) (Middle Violet) (Blue Purple)
		#8F00FF	143	0	255	274°	100%	100%	Vivid Violet (Extreme Violet)
		#9F00FF	159	0	255	277°	100%	100%	Purple
		#800080	128	0	128	300°	100%	50%	

Tones of blue color comparison chart [[change](#) | [change source](#)]

Azure Mist (web color: Azure) (Hex: #F0FFFF) (RGB: 240, 255, 255)	Alice Blue (web color) (Hex: #F0F8FF) (RGB: 240, 248, 255)
Bubbles (Xona.com Color List) (Hex: #E7FEFF) (RGB: 231, 254, 255)	Light Cyan (Hex: #E0FFFF) (RGB: 244, 255, 255)
Powder Blue (Hex: #9EB9D4) (RGB: 158, 185, 212)	Lavender Mist (web color:

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Lavender) (Hex: #E6E6FA) (RGB: 230, 230, 250) Periwinkle (Lavender Blue) (Pastel Indigo) (Hex: #CCCCFF) (RGB: 204, 204, 255) Pale Blue (web color) (Hex: #B0E0E6) (RGB: 176, 224, 230) Light Blue (Hex: #ADD8E6) (RGB: 173, 216, 230) Ultra Blue (Crayola: Blizzard Blue) (Hex: #ACE5EE) (RGB: 172, 229, 238) Baby Blue (Hex: #89CFF0) (RGB: 137, 207, 240) Light Sky Blue (web color) (Hex: #87CEFA) (RGB: 135, 196, 250) Sky Blue (web color) (Hex: #87CEEB) (RGB: 135, 206, 235) Light Cornflower Blue (Crayola: Cornflower) (Hex: #93CCEA) (RGB: 147, 204, 234) Medium Sky Blue (Crayola: Sky Blue) (Hex: #76D7EA) (RGB: 118, 215, 234) Aquamarine Blue (Crayola: Aquamarine) (Hex: #71D9E2) (RGB: 113, 217, 226) Aquamarine (web color) (Hex: #7FFFD4) (RGB: 127, 255, 212) Electric Blue (Hex: #7DF9FF) (RGB: 125, 249, 255) Cyan (web color Aqua) (Electric Cyan) (Hex: #00FFFF) (RGB: 0, 255, 255) Turquoise Blue (Hex: #00FFEF) (RGB: 0, 255, 239) Bright Turquoise (Hex: #08E8DE) (RGB: 8, 232, 222) Turquoise (web color) (Hex: #40E0D0) (RGB: 64, 224, 208) Capri (web color: Deep Sky Blue) (Hex: #00BFFF) (RGB: 0, 191, 255) Process Cyan (Pigment Cyan) (Printer's Cyan)(Deep Aqua) (Hex: #00B7EB) (RGB: 0, 180, 247) Ukrainian Azure (color of Ukrainian Flag) (Hex: #42ADDE) (RGB: 66, 173, 222) United Nations Blue (United Nations Azure) (Hex: #5B92E5) (RGB: 91, 146, 229) Cornflower Blue (web color) (Hex: #6495ED) (RGB: 100, 149, 237) Bright Cerulean (Crayola: Cerulean) (Hex: #02A4D3) (RGB: 2, 164, 211) Bondi Blue (Crayola: Blue-Green) (Hex: #0095B6) (RGB: 0, 149, 182) Rich Electric Blue (Hex: #0892D0) (RGB: 8, 146, 208) Cerulean (Hex: #007BA7) (RGB: 0, 123, 167) Teal (web color) (Hex: #008080) (RGB: 0, 128, 128) Teal Blue (Hex: #367588) (RGB: 54, 117, 136) Steel Blue (web color) (Hex: #4682B4) (RGB: 70, 130, 180) Air Force Blue (Hex: #5D8AA8) (RGB: 93, 138, 168) Blue-gray (Hex: #506D8A) (RGB: 80, 109, 138) Agate Blue (Hex: #44719B) (RGB: 68, 113, 155) Medium Persian Blue (Hex: #0067A5) (RGB: 0, 103, 165) Swedish Azure (color of Swedish flag) (Hex: #005B99) (RGB: 0, 91, 153) Indigo Dye (Hex: #1A5798) (RGB: 17, 80, 147) Bright Indigo (Crayola: Indigo) (Hex: #4F69C6) (RGB: 79, 105, 198) Royal Blue (web color) (Hex: #4169E1) (RGB: 65, 105, 225) Dodger Blue (web color) (Hex: #1E90FF) (RGB: 30, 144, 255) Azure (Hex: #007FFF) (RGB: 0, 127, 255) Deep Azure (Crayola: Blue) (Hex: #0066FF) (RGB: 0, 102, 255) Blue (Hex: #0000FF) (RGB: 0, 0, 255) Cerulean Blue

210.0015555556

(Hex: #2A52BE) (RGB: 42, 82, 190) Denim (Hex: #1560bd) (RGB: 21, 96, 189) Medium Navy Blue (Crayola: Navy Blue) (Hex: #0066CC) (RGB: 0, 102, 204) Sapphire (Maerz and Paul) (Hex: #0F52BA) (RGB: 15, 82, 186) Medium Electric Blue (Hex: #035096) (RGB: 3, 80, 150) Cobalt Blue (Hex: #0047AB) (RGB: 0, 71, 171) Persian Blue (Hex: #1C39BB) (RGB: 28, 57, 187) Azul (Hex: #002BB8) (RGB: 0, 43, 184) Medium Blue (web color) (Hex: #0000CD) (RGB: 0, 0, 205) Han Blue (Hex: #446CCF) (RGB: 68, 108, 207) Electric Ultramarine (Hex: #3F00FF) (RGB: 63, 0, 255) Westminster (Hex: #5F00FF) (RGB: 95, 0, 255) Indigo (Electric Indigo) (Hex: #6600FF) (RGB: 102, 0, 255) Medium Slate Blue (web color) (Hex: #7B68EE) (RGB: 123, 104, 238) Deep Lavender (web color Medium Purple) (Hex: #9370DB) (RGB: 147, 112, 219) Lavender (Hex: #B57EDC) (RGB: 181, 126, 220) Lavender Indigo (Hex: #9457EB) (RGB: 148, 87, 235) Deep Indigo (web color: Blue-Violet) (Hex: #8A2BE2) (RGB: 138, 43, 226) Pigment Indigo (web color: Indigo) (Hex: #4B0082) (RGB: 75, 0, 130) Persian Indigo (Regimental) (Hex: #32127A) (RGB: 50, 18, 122) Dark Azure (Pantone Blue #286) (Hex: #0038A8) (RGB: 0, 56, 168) International Klein Blue (Hex: #002FA7) (RGB: 0, 47, 167) Dark Powder Blue (Smalt) (Hex: #003399) (RGB: 0, 51, 153) Ultramarine (Hex: #120A8F) (RGB: 18, 10, 143) Dark Blue (web color) (Hex: #00008B) (RGB: 0, 0, 139) Navy blue (web color Navy) (Hex: #000080) (RGB: 0, 0, 128) St. Patrick's Blue (Hex: #23297A) (RGB: 35, 41, 122) Dark Sapphire (Sapphire (PerBang.dk)) (Hex: #082567) (RGB: 8, 37, 103) Midnight Blue (web color) (Hex: #191970) (RGB: 25, 25, 112) Dark Midnight Blue (Crayola: Midnight Blue) (Hex: #003366) (RGB: 0, 51, 102) Prussian Blue (Berlin Blue) (Hex: #003153) (RGB: 0, 49, 83) Dark Indigo (Hex: #310062) (RGB: 49, 0, 98) Dark Electric Blue (Hex: #536878) (RGB: 83, 104, 120)

Reference

[Clinical Trials: Study Design, Endpoints and Biomarkers, Drug Safety, and FDA and ICH Guidelines](#)

[Davis's Comprehensive Manual of Laboratory and Diagnostic Tests With Nursing Implications](#)