

Converting Colors

Hex(5158C6)

Have a look what the booklet for
Hex(5158C6) contains.

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Color

Hex(5158C6)

Conversions

Conversions Part 1

Format	Color
Hex	5158C6
RGB	81, 88, 198
RGB Percent	32%, 35%, 78%
CMY	0.6824, 0.6549, 0.2235
CMYK	0.59, 0.56, 0.00, 0.22
HSL	236°, 51%, 55%
HSV	236°, 59%, 78%
XYZ	17.0761, 12.8060, 54.9979
YIQ	98.4470, -39.4820, 32.7260

Conversions

Conversions Part 2

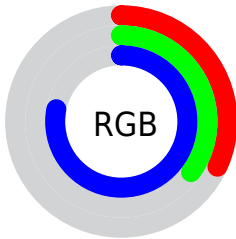
Format	Color
R_{YB}	81, 88, 198
Decimal	5331142
CIE _{Lab}	42.47, 30.11, -58.47
CIE _{LCh}	42, 65.767, 297.246
Yxy	12.8060, 0.2012, 0.1509
Android (android.graphics.Color)	4283521222 (0xFF5158C6)
YUV	98.4470, 49.0796, -15.3010
Hunter-Lab	35.7855, 22.5521, -66.0716

Details

The Hex color **5158C6** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C6BF51**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8C8AFF**, and **002B8F** is the 20% darker color. If you saturate the color by 10%, you get **3D45C6**, and if you desaturate by 10%, it is **656BC6**.

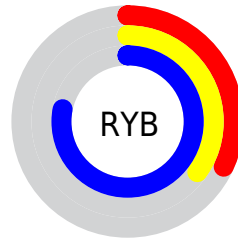
Distribution



Red (32%)

Green (35%)

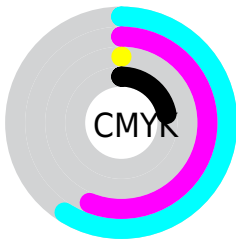
Blue (78%)



Red (32%)

Yellow (35%)

Blue (78%)

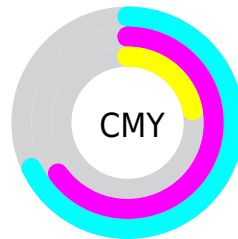


Cyan (59%)

Magenta (56%)

Yellow (0%)

Black (22%)



Cyan (68%)

Magenta (65%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5158C6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5158C6 by changing the saturation by 10% instead.

■ 5158C6

■ 5158C6

FFFFFF

■ 3041AA

■ 8C8AFF

■ 002B8F

■ A9A4FF

■ 001775

■ C6BFFF

■ 00005C

■ E4DBFF

■ 000743

■ FFF8FF

■ 00032C

■ 000116

■ 000000

■ 5158C6

■ 5158C6

 3D45C6

 656BC6

 2933C6

 797DC6

 1620C6

 8C90C6

 020EC6

 A0A2C6

 000CC6

 B4B5C6

 C8C8C6

 DCDAC6

 EFEDC6

 FFFFC6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006DD2



5158C6



9F39A0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5158C6



A64800



007B5D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5158C6



C6BF51

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007723



5158C6



7E6000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5158C6



BE2836



496F00



007B95

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5158C6



B8227E



496F00



007A4A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5158C6



D1D4FF



51C6BE



636580



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5158C6



4A55FF



8451C6



5A5A63



000AA3



000224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C65158



FF4A55



93C651



635A5A



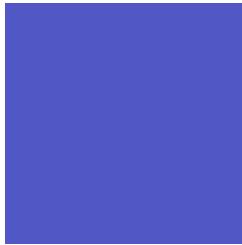
A3000A



240002

Previews

White Background



This preview shows how the Hex color 5158C6 looks on a white background.

Color Contrast Check

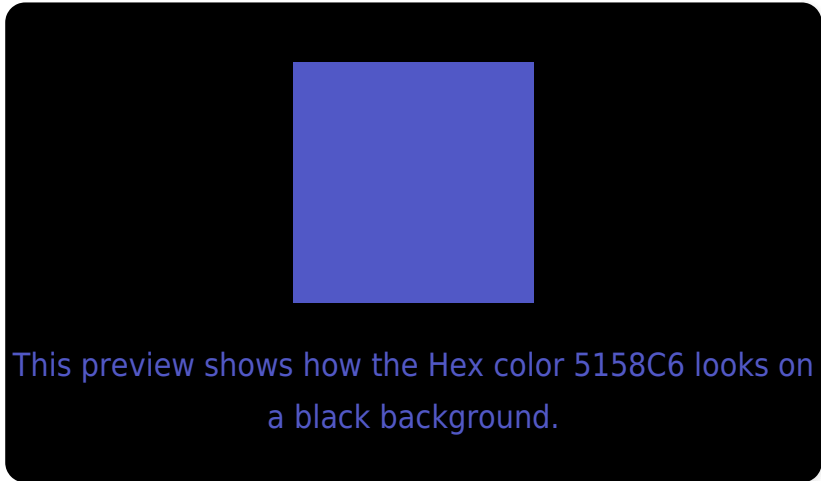
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

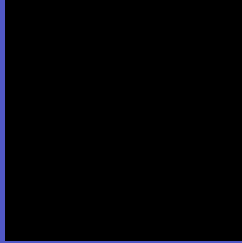
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5158C6 Background



This preview shows how black text looks on a background with the Hex color 5158C6.



This preview shows how white text looks on a background with the Hex color 5158C6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

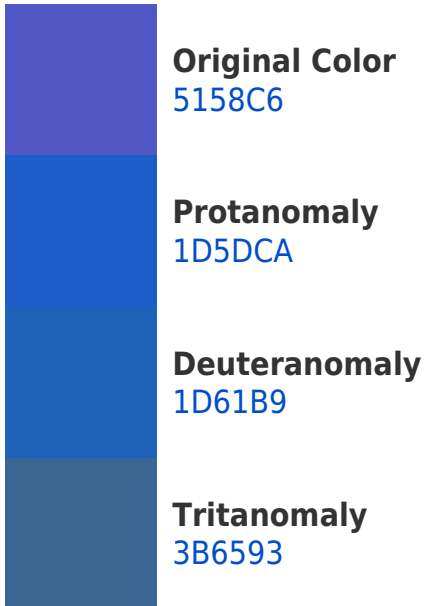
Dichromacy





Tritanopia
2E6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5158C6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5158C6 looks like.

```
.text, #text, p{  
    color:#5158C6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5158C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5158C6
}
```

Border

The CSS property to change the border of an element to Hex 5158C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

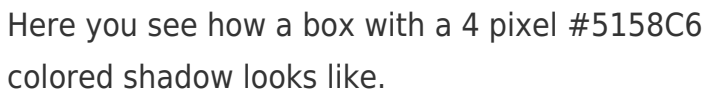
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5158C6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5158C6 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5158C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5158C6; -webkit-box-shadow:4px 4px  
4px 4px #5158C6; box-shadow:4px 4px 4px  
4px #5158C6 }
```

Background

The CSS property to change the background color of an element to Hex 5158C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5158C6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5158C6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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