

Converting Colors

Hex(5180C7)

Have a look what the booklet for
Hex(5180C7) contains.

Hex(5180C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5180C7)

Conversions

Conversions Part 1

Format	Color
Hex	5180C7
RGB	81, 128, 199
RGB Percent	32%, 50%, 78%
CMY	0.6824, 0.4980, 0.2196
CMYK	0.59, 0.36, 0.00, 0.22
HSL	216°, 51%, 55%
HSV	216°, 59%, 78%
XYZ	21.4213, 21.3112, 57.0173
YIQ	122.0410, -50.8030, 12.1170

Conversions

Conversions Part 2

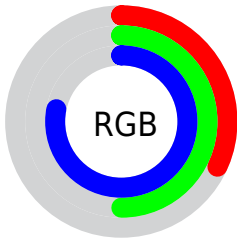
Format	Color
R _Y B	81, 115, 199
Decimal	5341383
CIE Lab	53.29, 5.62, -41.74
CIE LCh	53, 42.119, 277.671
Yxy	21.3112, 0.2148, 0.2136
Android (android.graphics.Color)	4283531463 (0xFF5180C7)
YUV	122.0410, 37.9408, -35.9930
Hunter-Lab	46.1640, 2.0415, -40.9143

Details

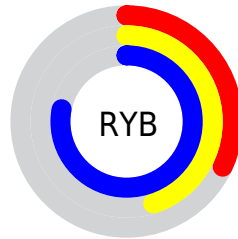
The Hex color **5180C7** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C79851**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8BB4FF**, and **004F91** is the 20% darker color. If you saturate the color by 10%, you get **3D74C7**, and if you desaturate by 10%, it is **658CC7**.

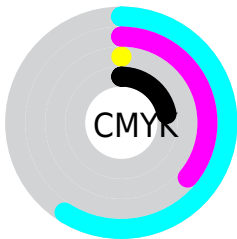
Distribution



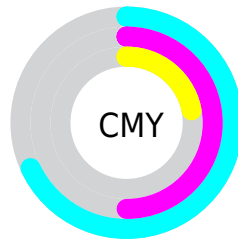
- Red (32%)
- Green (50%)
- Blue (78%)



- Red (32%)
- Yellow (45%)
- Blue (78%)



- Cyan (59%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5180C7 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 5180C7 by changing the saturation by 10% instead.

■ 5180C7

■ 5180C7

FFFFFF

■ 3167AB

■ 8BB4FF

■ 004F91

■ A8D0FF

■ 003977

■ C5ECFF

■ 00245D

■ E2FFFF

■ 000E45

■ 00042E

■ 000119

■ 000000

■ 5180C7

■ 5180C7

■ 3D74C7

■ 658CC7

■ 2968C7

■ 7998C7

■ 155CC7

■ 8DA4C7

■ 0150C7

■ A1B0C7

■ 004FC7

■ B5BCC7

■ C8C8C7

■ DCD4C7

■ F0E0C7

■ FFECC7

Harmonies

Analogous

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



008AC2



5180C7



8E72B9

Triad

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



5180C7



BF6755



2F9062

Complementary

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



5180C7



C79851

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.



658A44



5180C7



AB743C

Square

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



5180C7



C36077



8C8034



009288

Rectangle

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



5180C7



A969A7



8C8034



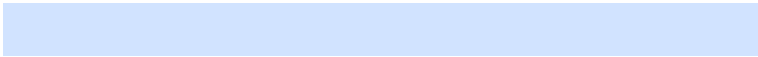
458E57

Sweetspot

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



5180C7



D1E3FF



51C798



636F80



000000



808080

Same Dimension

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



5180C7



4A92FF



5D51C7



5A5D63



0041A3



000E24

Inverse Universe

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



C75180



FF4A92



BBC751



635A5D



A30041



24000E

Previews

White Background



This preview shows how the Hex color 5180C7 looks on a white background.

Color Contrast Check

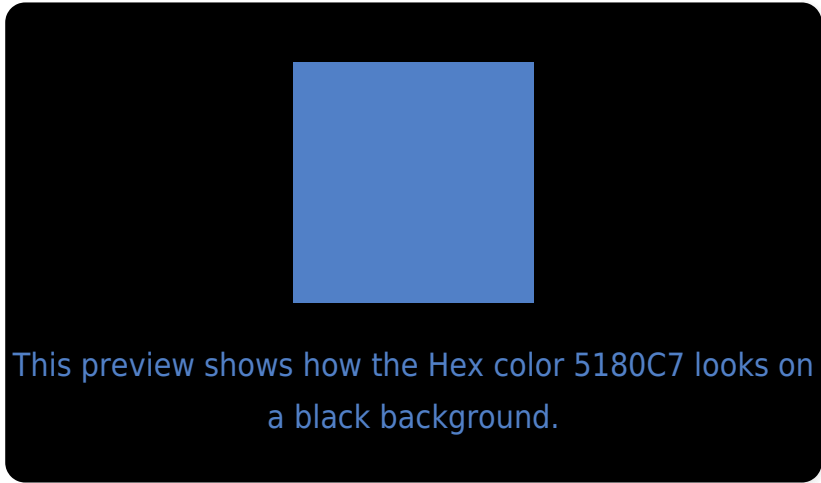
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

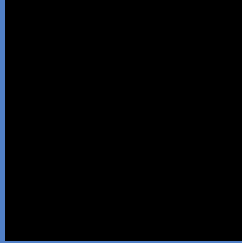
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

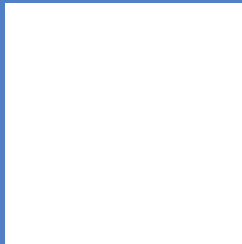
Any Text WCAG AAA × Fail

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

Hex 5180C7 Background



This preview shows how black text looks on a background with the Hex color 5180C7.

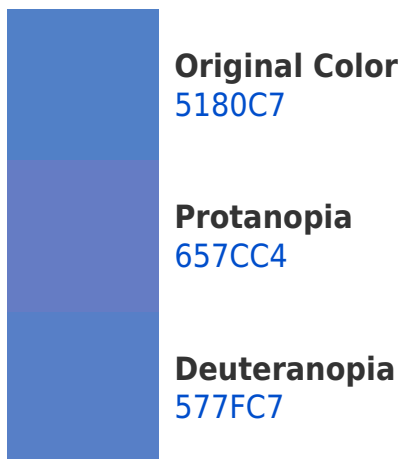


This preview shows how white text looks on a background with the Hex color 5180C7.

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](#).

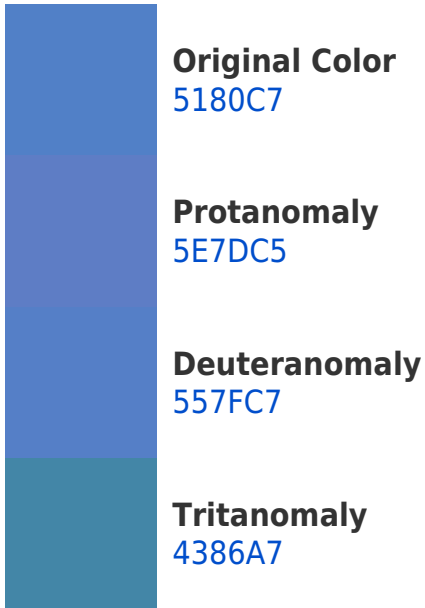
Dichromacy



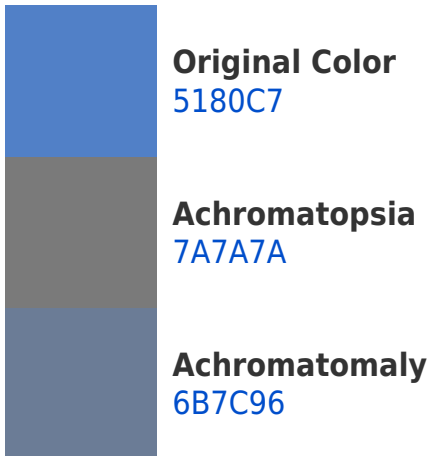


Tritanopia
3B8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5180C7 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 #5180C7 looks like.

```
.text, #text, p{  
    color:#5180C7  
}
```

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 #5180C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5180C7
}
```

Border

The CSS property to change the border of an element to Hex 5180C7 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
#5180C7 }
```

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

```
.border{ border-color:#5180C7 }
```

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

Here you see how a box with a 4 pixel #5180C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5180C7; -webkit-box-shadow:4px 4px  
4px 4px #5180C7; box-shadow:4px 4px 4px  
4px #5180C7 }
```

Background

The CSS property to change the background color of an element to Hex 5180C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5180C7 }
```

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

```
.background{ background-color:#5180C7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor