

Converting Colors

Hex(5B1FC0)

Have a look what the booklet for
Hex(5B1FC0) contains.

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Color

Hex(5B1FC0)

Conversions

Conversions Part 1

Format	Color
Hex	5B1FC0
RGB	91, 31, 192
RGB Percent	36%, 12%, 75%
CMY	0.6431, 0.8784, 0.2471
CMYK	0.53, 0.84, 0.00, 0.25
HSL	262°, 72%, 44%
HSV	262°, 84%, 75%
XYZ	14.3188, 7.0099, 50.4675
YIQ	67.2940, -15.9210, 62.7910

Conversions

Conversions Part 2

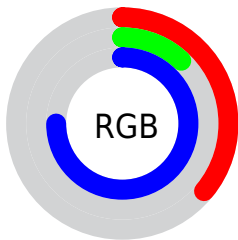
Format	Color
RYB	91, 31, 192
Decimal	5971904
CIELab	31.83, 59.89, -72.32
CIElCh	32, 93.893, 309.629
Yxy	7.0099, 0.1994, 0.0976
Android (android.graphics.Color)	4284161984 (0xFF5B1FC0)
YUV	67.2940, 61.4801, 20.7902
Hunter-Lab	26.4762, 50.2026, -94.4821

Details

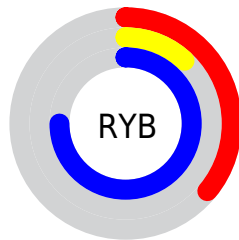
The Hex color **5B1FC0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **84C01F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9755FA**, and **0D0089** is the 20% darker color. If you saturate the color by 10%, you get **4F0CC0**, and if you desaturate by 10%, it is **6732C0**.

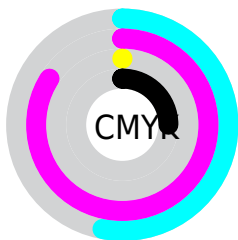
Distribution



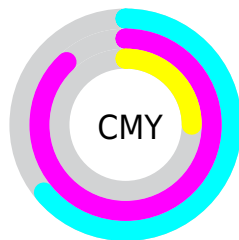
- Red (36%)
- Green (12%)
- Blue (75%)



- Red (36%)
- Yellow (12%)
- Blue (75%)



- Cyan (53%)
- Magenta (84%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (88%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1FC0 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 5B1FC0 by changing the saturation by 10% instead.

■ 5B1FC0

■ 5B1FC0

FFFFFF

■ 3B00A4

■ 9755FA

■ 0D0089

■ B570FF

■ 00006F

■ D38BFF

■ 000055

■ F1A6FF

■ 00063D

■ FFC2FF

■ 000326

■ FFDFFF

■ 00010F

■ FFFCFF

■ 000000

■ 5B1FC0

■ 5B1FC0

■ 4F0CC0

■ 6732C0

■ 4800C0

■ 7345C0

■ 7F59C0

■ 8B6CC0

■ 977FC0

■ A392C0

■ AFA5C0

■ BBB9C0

■ C7CCC0

Harmonies

Analogous

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



0051E2



5B1FC0



AD0080

Triad

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



5B1FC0



833100



006362

Complementary

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



5B1FC0



84C01F

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.



00610D



5B1FC0



475000

Square

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



5B1FC0



AE0000



005D00



0065AA

Rectangle

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



5B1FC0



BF0050



005D00



006348

Sweetspot

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



5B1FC0



D3BBFA



1F85C0



65577D



FCFCFC



7D7D7D

Same Dimension

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



5B1FC0



5D00FA



AB1FC0



5B5761



3C00A1



0C0021

Inverse Universe

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



C01F84



FA009D



34C01F



61575D



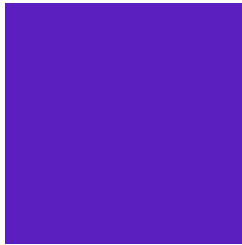
A10065



210015

Previews

White Background



This preview shows how the Hex color 5B1FC0 looks on a white background.

Color Contrast Check

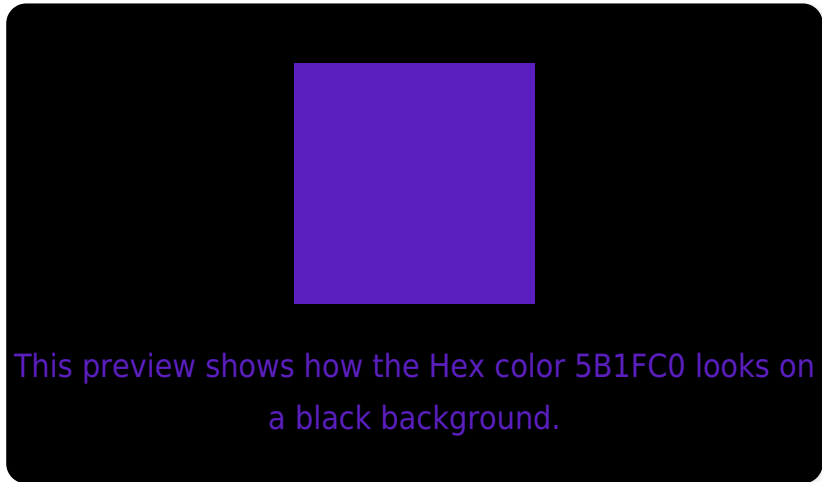
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

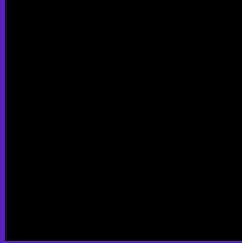
Any Text WCAG AA × Fail

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 5B1FC0 Background



This preview shows how black text looks on a background with the Hex color 5B1FC0.

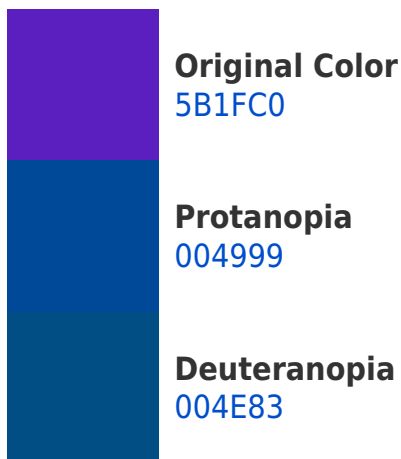


This preview shows how white text looks on a background with the Hex color 5B1FC0.

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](#).

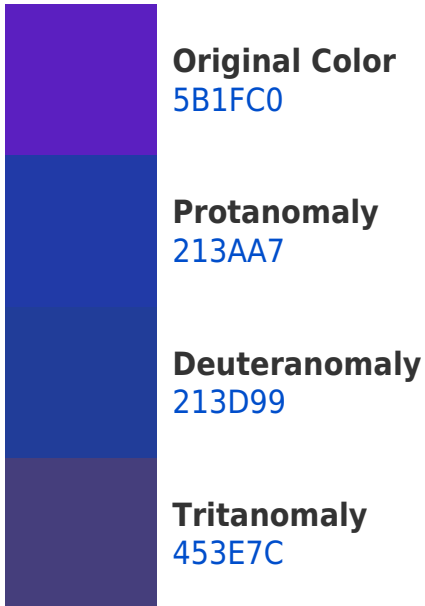
Dichromacy





Tritanopia
394F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1FC0 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 #5B1FC0 looks like.

```
.text, #text, p{  
    color:#5B1FC0  
}
```

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 #5B1FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1FC0
}
```

Border

The CSS property to change the border of an element to Hex 5B1FC0 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
#5B1FC0 }
```

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

```
.border{ border-color:#5B1FC0 }
```

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

Here you see how a box with a 4 pixel #5B1FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1FC0; -webkit-box-shadow:4px 4px  
4px 4px #5B1FC0; box-shadow:4px 4px 4px  
4px #5B1FC0 }
```

Background

The CSS property to change the background color of an element to Hex 5B1FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1FC0 }
```

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

```
.background{ background-color:#5B1FC0 }
```

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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