

Converting Colors

Hex(5D50C5)

Have a look what the booklet for
Hex(5D50C5) contains.

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Color

Hex(5D50C5)

Conversions

Conversions Part 1

Format	Color
Hex	5D50C5
RGB	93, 80, 197
RGB Percent	36%, 31%, 77%
CMY	0.6353, 0.6863, 0.2275
CMYK	0.53, 0.59, 0.00, 0.23
HSL	247°, 50%, 54%
HSV	247°, 59%, 77%
XYZ	17.4609, 12.0957, 54.2377
YIQ	97.2250, -29.8090, 39.1430

Conversions

Conversions Part 2

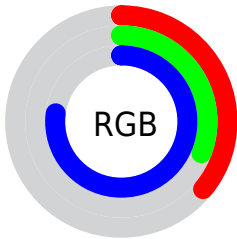
Format	Color
RYB	93, 80, 197
Decimal	6115525
CIELab	41.37, 36.96, -59.63
CIELCh	41, 70.158, 301.792
Yxy	12.0957, 0.2084, 0.1443
Android (android.graphics.Color)	4284305605 (0xFF5D50C5)
YUV	97.2250, 49.1891, -3.7053
Hunter-Lab	34.7789, 28.7538, -68.1177

Details

The Hex color **5D50C5** 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 **B8C550**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9782FF**, and **1A228E** is the 20% darker color. If you saturate the color by 10%, you get **4B3CC5**, and if you desaturate by 10%, it is **6F64C5**.

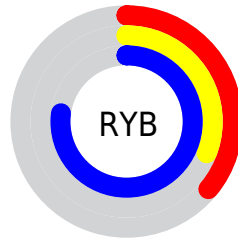
Distribution



Red (36%)

Green (31%)

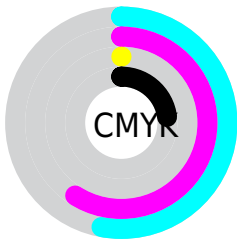
Blue (77%)



Red (36%)

Yellow (31%)

Blue (77%)

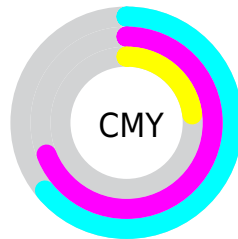


Cyan (53%)

Magenta (59%)

Yellow (0%)

Black (23%)



Cyan (64%)

Magenta (69%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D50C5 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 5D50C5 by changing the saturation by 10% instead.

■ 5D50C5

■ 5D50C5

FFFFFF

■ 3F39A9

■ 9782FF

■ 1A228E

■ B49CFF

■ 000D74

■ D1B7FF

■ 00005B

■ EFD3FF

■ 000742

■ FFEFFF

■ 00032B

■ 000115

■ 000000

■ 5D50C5

■ 5D50C5

 4B3CC5

 6F64C5

 3A29C5

 8077C5

 2815C5

 928BC5

 1701C5

 A39FC5

 1600C5

 B5B3C5

 C6C6C5

 D8DAC5

 E9EEC5

 FBFFC5

Harmonies

Analogous

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



0068D7



5D50C5



A72999

Triad

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



5D50C5



A14800



007964

Complementary

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



5D50C5



B8C550

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.



007625



5D50C5



756100

Square

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



5D50C5



BD2129



386F00



00799D

Rectangle

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



5D50C5



BD0074



386F00



00784F

Sweetspot

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



5D50C5



D6D1FF



50B9C5



676380



000000



808080

Same Dimension

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



5D50C5



5E4AFF



9650C5



5B5A63



1200A3



040024

Inverse Universe

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



C550B8



FF4AEB



7FC550



635A62



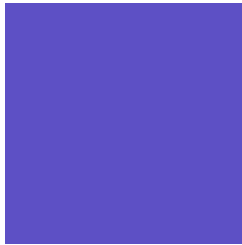
A30091



240020

Previews

White Background



This preview shows how the Hex color 5D50C5 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 5D50C5 Background



This preview shows how black text looks on a background with the Hex color 5D50C5.

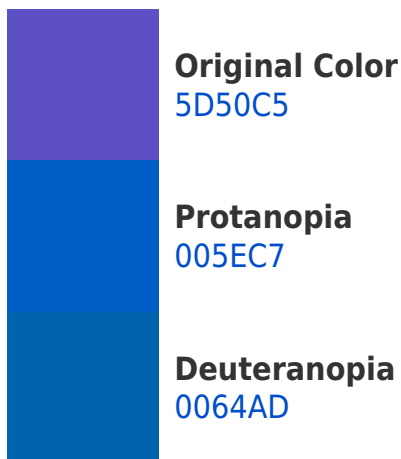


This preview shows how white text looks on a background with the Hex color 5D50C5.

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](#).

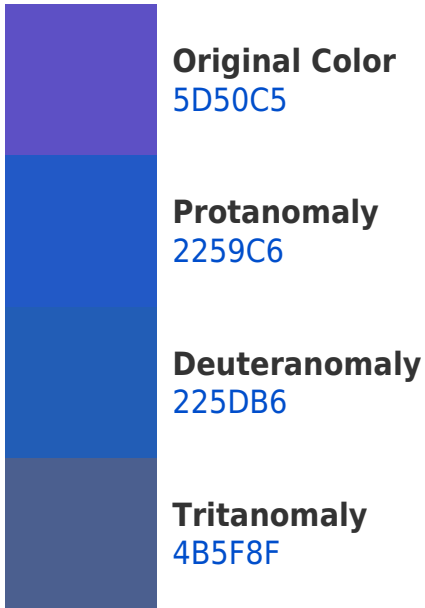
Dichromacy





Tritanopia
416770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D50C5 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 #5D50C5 looks like.

```
.text, #text, p{  
    color:#5D50C5  
}
```

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 #5D50C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D50C5
}
```

Border

The CSS property to change the border of an element to Hex 5D50C5 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
#5D50C5 }
```

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

```
.border{ border-color:#5D50C5 }
```

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

Here you see how a box with a 4 pixel #5D50C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D50C5; -webkit-box-shadow:4px 4px  
4px 4px #5D50C5; box-shadow:4px 4px 4px  
4px #5D50C5 }
```

Background

The CSS property to change the background color of an element to Hex 5D50C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D50C5 }
```

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

```
.background{ background-color:#5D50C5 }
```

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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