

Converting Colors

Hex(5C55CB)

Have a look what the booklet for
Hex(5C55CB) contains.

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Color

Hex(5C55CB)

Conversions

Conversions Part 1

Format	Color
Hex	5C55CB
RGB	92, 85, 203
RGB Percent	36%, 33%, 80%
CMY	0.6392, 0.6667, 0.2039
CMYK	0.55, 0.58, 0.00, 0.20
HSL	244°, 53%, 56%
HSV	244°, 58%, 80%
XYZ	18.4416, 13.0841, 58.0534
YIQ	100.5450, -33.7060, 38.1820

Conversions

Conversions Part 2

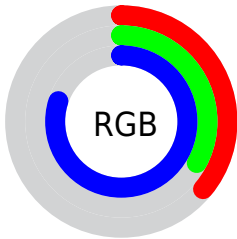
Format	Color
R_{YB}	92, 85, 203
Decimal	6051275
CIE _{Lab}	42.89, 35.63, -60.64
CIE _{LCh}	43, 70.332, 300.434
Yxy	13.0841, 0.2059, 0.1461
Android (android.graphics.Color)	4284241355 (0xFF5C55CB)
YUV	100.5450, 50.5103, -7.4940
Hunter-Lab	36.1720, 27.7041, -69.8359

Details

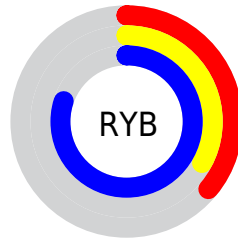
The Hex color **5C55CB** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C4CB55**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9687FF**, and **152794** is the 20% darker color. If you saturate the color by 10%, you get **4941CB**, and if you desaturate by 10%, it is **6F69CB**.

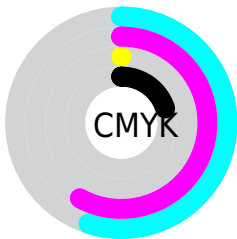
Distribution



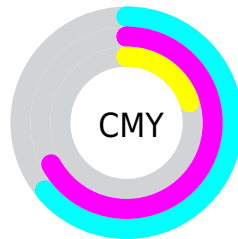
- Red (36%)
- Green (33%)
- Blue (80%)



- Red (36%)
- Yellow (33%)
- Blue (80%)



- Cyan (55%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C55CB 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 5C55CB by changing the saturation by 10% instead.

 5C55CB

 5C55CB

FFFFFF

 3D3EAF

 9687FF

 152794

 B4A1FF

 001379

 D1BDFF

 000060

 EFD8FF

 000447

 FFF5FF

 000430

 00011A

 000000

 5C55CB

 5C55CB

■ 4941CB

■ 6F69CB

■ 362CCB

■ 827ECB

■ 2318CB

■ 9592CB

■ 1004CB

■ A8A6CB

■ 0C00CB

■ BBBBCB

■ CFCFCB

■ E2E3CB

■ F5F7CB

■ FFFF CB

Harmonies

Analogous

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



006DDB



5C55CB



A930A0

Triad

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



5C55CB



A74A00



007D65

Complementary

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



5C55CB



C4CB55

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.



007A26



5C55CB



7B6300

Square

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



5C55CB



C3242E



3F7200



007E9F

Rectangle

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



5C55CB



C10F7B



3F7200



007C50

Sweetspot

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



5C55CB



D6D4FF



55C5CB



686680



000000



808080

Same Dimension

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



5C55CB



574DFF



9655CB



5C5C66



0A00A6



020026

Inverse Universe

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



CB55C4



FF4DF4



8ACB55



665C65



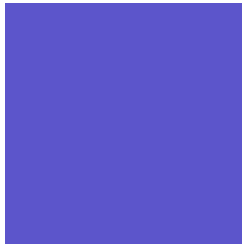
A6009C



260024

Previews

White Background



This preview shows how the Hex color 5C55CB 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



This preview shows how the Hex color 5C55CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

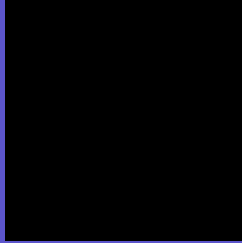
Any Text WCAG AA × Fail

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 5C55CB Background



This preview shows how black text looks on a background with the Hex color 5C55CB.

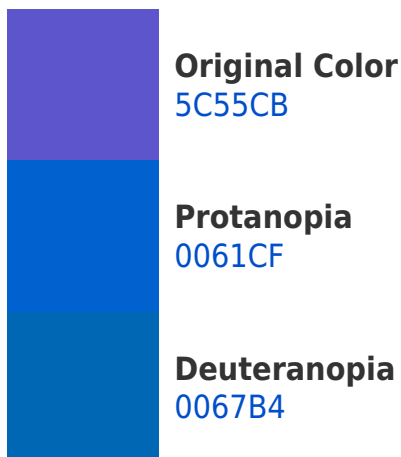


This preview shows how white text looks on a background with the Hex color 5C55CB.

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](#).

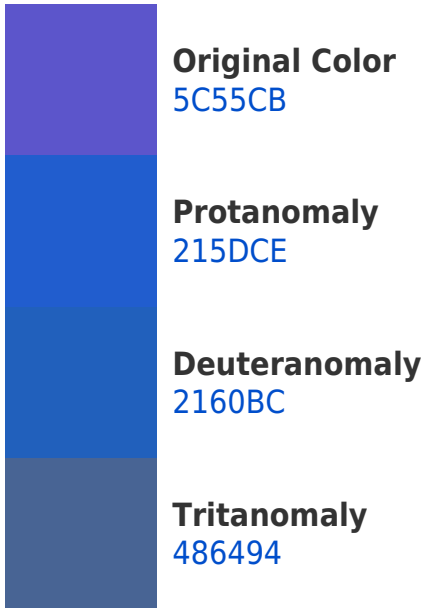
Dichromacy



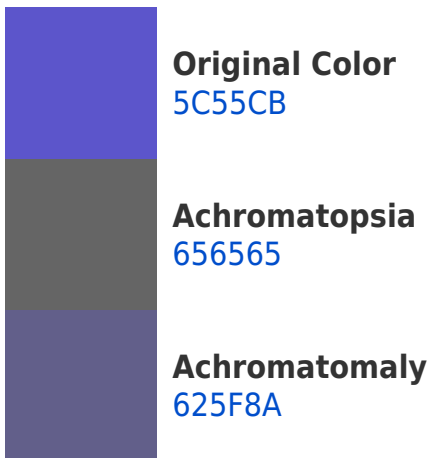


Tritanopia
3D6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C55CB 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 #5C55CB looks like.

```
.text, #text, p{  
    color:#5C55CB  
}
```

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 #5C55CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C55CB
}
```

Border

The CSS property to change the border of an element to Hex 5C55CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

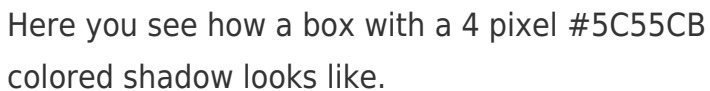
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C55CB }
```

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

```
.border{ border-color:#5C55CB }
```

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



Here you see how a box with a 4 pixel #5C55CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C55CB; -webkit-box-shadow:4px 4px  
4px 4px #5C55CB; box-shadow:4px 4px 4px  
4px #5C55CB }
```

Background

The CSS property to change the background color of an element to Hex 5C55CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C55CB }
```

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

```
.background{ background-color:#5C55CB }
```

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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