

Converting Colors

Hex(5C4CB5)

Have a look what the booklet for
Hex(5C4CB5) contains.

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Color

Hex(5C4CB5)

Conversions

Conversions Part 1

Format	Color
Hex	5C4CB5
RGB	92, 76, 181
RGB Percent	36%, 30%, 71%
CMY	0.6392, 0.7020, 0.2902
CMYK	0.49, 0.58, 0.00, 0.29
HSL	249°, 42%, 50%
HSV	249°, 58%, 71%
XYZ	15.3386, 10.7804, 44.9885
YIQ	92.7540, -24.1690, 36.0470

Conversions

Conversions Part 2

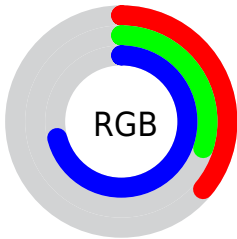
Format	Color
RYB	92, 76, 181
Decimal	6048949
CIELab	39.21, 34.25, -53.78
CIELCh	39, 63.759, 302.496
Yxy	10.7804, 0.2157, 0.1516
Android (android.graphics.Color)	4284239029 (0xFF5C4CB5)
YUV	92.7540, 43.5053, -0.6613
Hunter-Lab	32.8335, 25.9298, -58.2557

Details

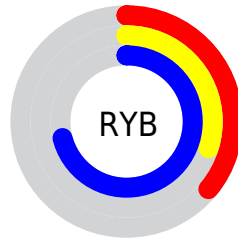
The Hex color **5C4CB5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A5B54C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **947DEE**, and **1F1F7F** is the 20% darker color. If you saturate the color by 10%, you get **4D3AB5**, and if you desaturate by 10%, it is **6B5EB5**.

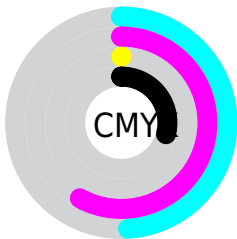
Distribution



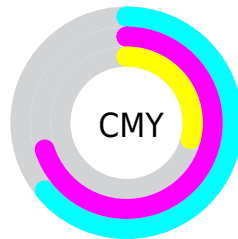
- Red (36%)
- Green (30%)
- Blue (71%)



- Red (36%)
- Yellow (30%)
- Blue (71%)



- Cyan (49%)
- Magenta (58%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4CB5 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 5C4CB5 by changing the saturation by 10% instead.

■ 5C4CB5

■ 5C4CB5

FFFFFF

■ 3F359A

■ 947DEE

■ 1F1F7F

■ B198FF

■ 000A65

■ CDB2FF

■ 00004D

■ EBCEFF

■ 000535

■ FFEAFF

■ 00021F

■ 000002

■ 000000

■ 5C4CB5

■ 5C4CB5

■ 4D3AB5

■ 6B5EB5

■ 3D28B5

■ 7B70B5

■ 2E16B5

■ 8A82B5

■ 1F04B5

■ 9994B5

■ 1C00B5

■ A9A7B5

■ B8B9B5

■ C7CBB5

■ D7DDB5

■ E6EFB5

Harmonies

Analogous

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



0062C5



5C4CB5



9C2C8D

Triad

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



5C4CB5



954600



00725F

Complementary

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



5C4CB5



A5B54C

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.



006F28



5C4CB5



6D5C00

Square

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



5C4CB5



AF2728



376900



007293

Rectangle

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



5C4CB5



B0146C



376900



00714D

Sweetspot

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



5C4CB5



C9C3EB



4CA5B5



615E75



F5F5F5



757575

Same Dimension

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



5C4CB5



5F46EB



904CB5



525059



170099



04001A

Inverse Universe

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



B54CA5



EB46D2



71B54C



595058



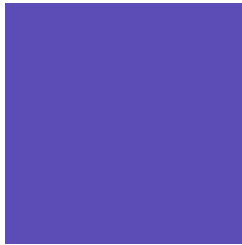
990082



1A0016

Previews

White Background



This preview shows how the Hex color 5C4CB5 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 5C4CB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

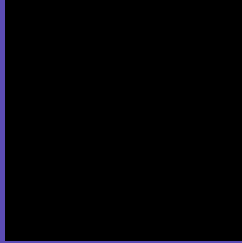
Any Text WCAG AA × Fail

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 5C4CB5 Background



This preview shows how black text looks on a background with the Hex color 5C4CB5.

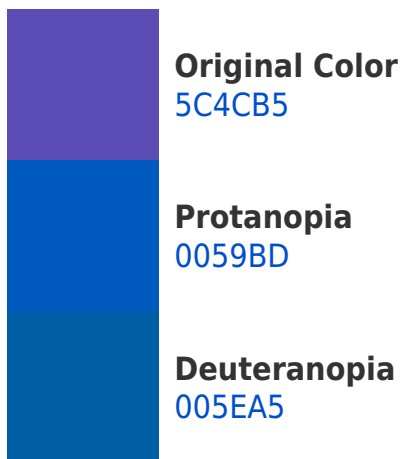


This preview shows how white text looks on a background with the Hex color 5C4CB5.

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
466168

Trichromacy



Original Color
5C4CB5



Protanomaly
2154BA



Deuteranomaly
2157AB



Tritanomaly
4E5984

Monochromacy



Original Color
5C4CB5



Achromatopsia
5D5D5D



Achromatomaly
5D577D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4CB5 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 #5C4CB5 looks like.

```
.text, #text, p{  
    color:#5C4CB5  
}
```

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 #5C4CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4CB5
}
```

Border

The CSS property to change the border of an element to Hex 5C4CB5 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
#5C4CB5 }
```

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

```
.border{ border-color:#5C4CB5 }
```

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

Here you see how a box with a 4 pixel #5C4CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4CB5; -webkit-box-shadow:4px 4px  
4px 4px #5C4CB5; box-shadow:4px 4px 4px  
4px #5C4CB5 }
```

Background

The CSS property to change the background color of an element to Hex 5C4CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4CB5 }
```

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

```
.background{ background-color:#5C4CB5 }
```

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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