

Converting Colors

Hex(5C4AC5)

Have a look what the booklet for
Hex(5C4AC5) contains.

Hex(5C4AC5)	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(5C4AC5)

Conversions

Conversions Part 1

Format	Color
Hex	5C4AC5
RGB	92, 74, 197
RGB Percent	36%, 29%, 77%
CMY	0.6392, 0.7098, 0.2275
CMYK	0.53, 0.62, 0.00, 0.23
HSL	249°, 51%, 53%
HSV	249°, 62%, 77%
XYZ	16.9405, 11.2041, 54.0931
YIQ	93.4040, -28.7550, 42.0690

Conversions

Conversions Part 2

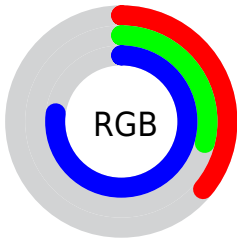
Format	Color
RYB	92, 74, 197
Decimal	6048453
CIELab	39.92, 40.34, -61.98
CIELCh	40, 73.954, 303.057
Yxy	11.2041, 0.2060, 0.1362
Android (android.graphics.Color)	4284238533 (0xFF5C4AC5)
YUV	93.4040, 51.0728, -1.2313
Hunter-Lab	33.4725, 31.7621, -72.3845

Details

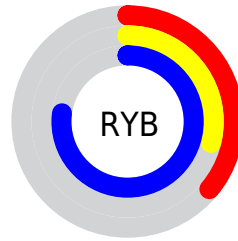
The Hex color **5C4AC5** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **B3C54A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **967CFF**, and **171C8E** is the 20% darker color. If you saturate the color by 10%, you get **4B36C5**, and if you desaturate by 10%, it is **6D5EC5**.

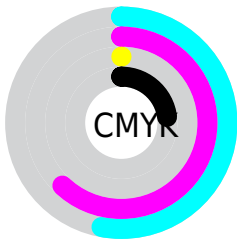
Distribution



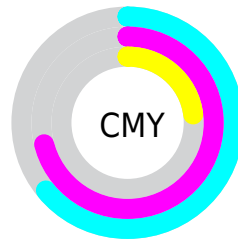
- Red (36%)
- Green (29%)
- Blue (77%)



- Red (36%)
- Yellow (29%)
- Blue (77%)



- Cyan (53%)
- Magenta (62%)
- Yellow (0%)
- Black (23%)



- Cyan (64%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4AC5 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 5C4AC5 by changing the saturation by 10% instead.

■ 5C4AC5

■ 5C4AC5

FFFFFF

■ 3D33A9

■ 967CFF

■ 171C8E

■ B396FF

■ 000674

■ D1B1FF

■ 00005B

■ EFCCFF

■ 000742

■ FFE9FF

■ 00032B

■ 000115

■ 000000

■ 5C4AC5

■ 5C4AC5

 4B36C5

 6D5EC5

 3A23C5

 7E71C5

 2A0FC5

 8E85C5

 1D00C5

 9F99C5

 B0ADC5

 C1C0C5

 D2D4C5

 E3E8C5

 F3FBC5

Harmonies

Analogous

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



0065D9



5C4AC5



A81996

Triad

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



5C4AC5



9D4400



007663

Complementary

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



5C4AC5



B3C54A

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.



007321



5C4AC5



6E5E00

Square

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



5C4AC5



BC1220



2B6C00



00769F

Rectangle

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



5C4AC5



BE006F



2B6C00



00754E

Sweetspot

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



5C4AC5



D6CFFF



4AB5C5



666280



000000



808080

Same Dimension

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



5C4AC5



5C40FF



984AC5



5B5A63



1800A3



050024

Inverse Universe

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



C54AB3



FF40E3



77C54A



635A62



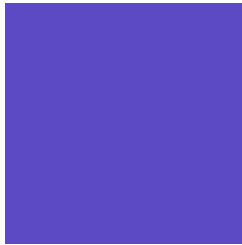
A3008B



24001E

Previews

White Background



This preview shows how the Hex color 5C4AC5 looks on a white background.

Color Contrast Check

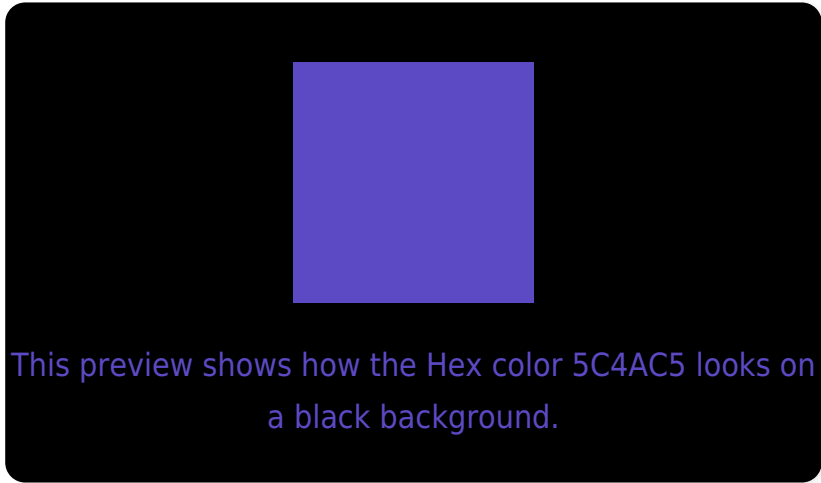
Large Text (above 18pt) WCAG AA ✓ Pass

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

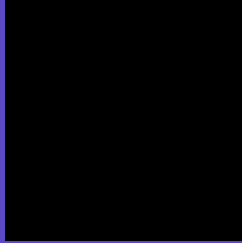
Any Text WCAG AA × Fail

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 5C4AC5 Background



This preview shows how black text looks on a background with the Hex color 5C4AC5.

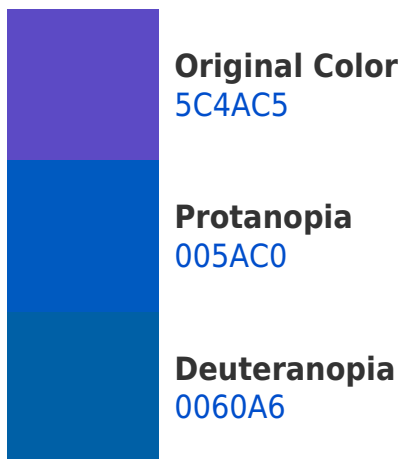



This preview shows how white text looks on a background with the Hex color 5C4AC5.

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
3E646C

Trichromacy



Original Color
5C4AC5



Protanomaly
2154C2



Deuteranomaly
2158B1



Tritanomaly
495B8C

Monochromacy



Original Color
5C4AC5



Achromatopsia
5D5D5D



Achromatomaly
5D5683

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4AC5 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 #5C4AC5 looks like.

```
.text, #text, p{  
    color:#5C4AC5  
}
```

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 #5C4AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4AC5
}
```

Border

The CSS property to change the border of an element to Hex 5C4AC5 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
#5C4AC5 }
```

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

```
.border{ border-color:#5C4AC5 }
```

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

Here you see how a box with a 4 pixel #5C4AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4AC5; -webkit-box-shadow:4px 4px  
4px 4px #5C4AC5; box-shadow:4px 4px 4px  
4px #5C4AC5 }
```

Background

The CSS property to change the background color of an element to Hex 5C4AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4AC5 }
```

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

```
.background{ background-color:#5C4AC5 }
```

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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