

Converting Colors

Hex(5C0CA7)

Have a look what the booklet for
Hex(5C0CA7) contains.

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Color

Hex(5C0CA7)

Conversions

Conversions Part 1

Format	Color
Hex	5C0CA7
RGB	92, 12, 167
RGB Percent	36%, 5%, 65%
CMY	0.6392, 0.9529, 0.3451
CMYK	0.45, 0.93, 0.00, 0.35
HSL	271°, 87%, 35%
HSV	271°, 93%, 65%
XYZ	11.5202, 5.3283, 36.9805
YIQ	53.5900, -2.0750, 65.1650

Conversions

Conversions Part 2

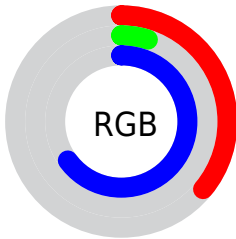
Format	Color
RYB	92, 12, 167
Decimal	6032551
CIELab	27.65, 59.30, -64.28
CIELCh	28, 87.454, 312.690
Yxy	5.3283, 0.2140, 0.0990
Android (android.graphics.Color)	4284222631 (0xFF5C0CA7)
YUV	53.5900, 55.9111, 33.6856
Hunter-Lab	23.0831, 48.6894, -78.8281

Details

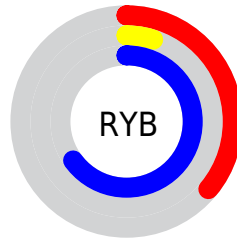
The Hex color **5C0CA7** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **57A70C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9649DF**, and **1C0072** is the 20% darker color. If you saturate the color by 10%, you get **5600A7**, and if you desaturate by 10%, it is **641DA7**.

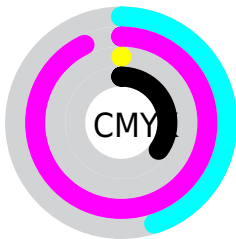
Distribution



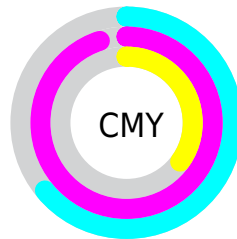
- Red (36%)
- Green (5%)
- Blue (65%)



- Red (36%)
- Yellow (5%)
- Blue (65%)



- Cyan (45%)
- Magenta (93%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (95%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0CA7 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 5C0CA7 by changing the saturation by 10% instead.

■ 5C0CA7

■ 5C0CA7

FFFFFF

■ 3E008C

■ 9649DF

■ 1C0072

■ B363FC

■ 000058

■ D07EFF

■ 000240

■ EE9AFF

■ 000329

■ FFB5FF

■ 000113

■ FFD2FF

■ 000000

■ FFEFFF

■ 5C0CA7

■ 5C0CA7

■ 5600A7

■ 641DA7

■ 6C2DA7

■ 743EA7

■ 7C4FA7

■ 845FA7

■ 8C70A7

■ 9581A7

■ 9D92A7

■ A5A2A7

Harmonies

Analogous

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



0044CA



5C0CA7



9E006B

Triad

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



5C0CA7



6F2E00



00585E

Complementary

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



5C0CA7



57A70C

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.



005614



5C0CA7



364800

Square

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



5C0CA7



980000



005200



00599E

Rectangle

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



5C0CA7



AB003F



005200



005746

Sweetspot

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



5C0CA7



BB9CD9



0C59A7



5C486E



EDEDED



6E6E6E

Same Dimension

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



5C0CA7



7000D9



A70CA7



504C54



4C0094



0B0014

Inverse Universe

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



A70C57



D90069



0CA70C



544C50



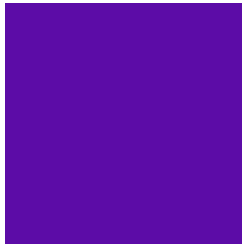
940048



14000A

Previews

White Background



This preview shows how the Hex color 5C0CA7 looks on a white background.

Color Contrast Check

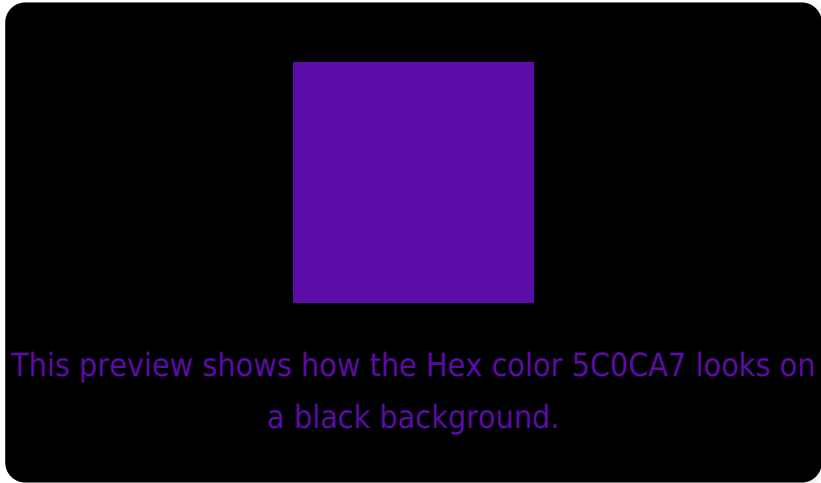
Large Text (above 18pt) WCAG AA ✓ Pass

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

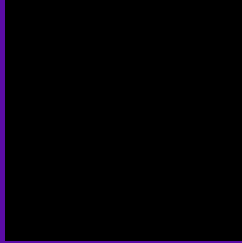
Any Text WCAG AA × Fail

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 5C0CA7 Background



This preview shows how black text looks on a background with the Hex color 5C0CA7.



This preview shows how white text looks on a background with the Hex color 5C0CA7.

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



Original Color
5C0CA7

Protanopia
004188

Deuteranopia
004575



Tritanopia
454247

Trichromacy



Original Color
5C0CA7



Protanomaly
212E93



Deuteranomaly
213087



Tritanomaly
4D2E6A

Monochromacy



Original Color
5C0CA7



Achromatopsia
363636



Achromatomaly
44275F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0CA7 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 #5C0CA7 looks like.

```
.text, #text, p{  
    color:#5C0CA7  
}
```

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 #5C0CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0CA7
}
```

Border

The CSS property to change the border of an element to Hex 5C0CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

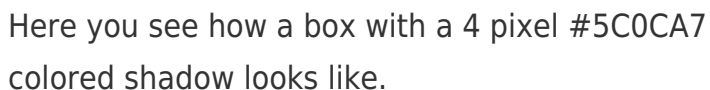
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0CA7 }
```

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

```
.border{ border-color:#5C0CA7 }
```

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



Here you see how a box with a 4 pixel #5C0CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0CA7; -webkit-box-shadow:4px 4px  
4px 4px #5C0CA7; box-shadow:4px 4px 4px  
4px #5C0CA7 }
```

Background

The CSS property to change the background color of an element to Hex 5C0CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0CA7 }
```

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

```
.background{ background-color:#5C0CA7 }
```

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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