

# Converting Colors

Hex(5C0C9B)

Have a look what the booklet for  
Hex(5C0C9B) contains.

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# Color

**Hex(5C0C9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C0C9B
RGB	92, 12, 155
RGB Percent	36%, 5%, 61%
CMY	0.6392, 0.9529, 0.3922
CMYK	0.41, 0.92, 0.00, 0.39
HSL	274°, 86%, 33%
HSV	274°, 92%, 61%
XYZ	10.4615, 4.9048, 31.4057
YIQ	52.2220, 1.7770, 61.4330

# Conversions

## Conversions Part 2

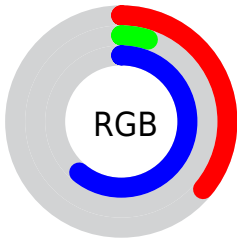
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 12, 155
Decimal	6032539
CIELab	26.46, 56.59, -58.93
CIELCh	26, 81.707, 313.840
Yxy	4.9048, 0.2237, 0.1049
Android (android.graphics.Color)	4284222619 (0xFF5C0C9B)
YUV	52.2220, 50.6696, 34.8853
Hunter-Lab	22.1468, 45.5612, -68.5745

# Details

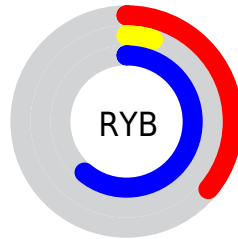
The Hex color **5C0C9B** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4B9B0C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9548D3**, and **200066** is the 20% darker color. If you saturate the color by 10%, you get **57009B**, and if you desaturate by 10%, it is **631B9B**.

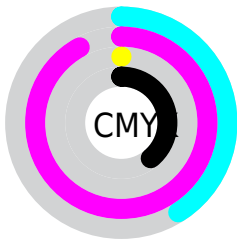
# Distribution



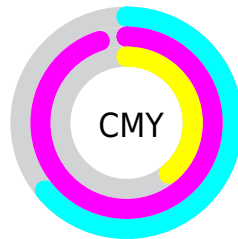
- Red (36%)
- Green (5%)
- Blue (61%)



- Red (36%)
- Yellow (5%)
- Blue (61%)



- Cyan (41%)
- Magenta (92%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (95%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C0C9B 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 5C0C9B by changing the saturation by 10% instead.



■ 5C0C9B

■ 5C0C9B

FFFFFF

■ 3F0080

■ 9548D3

■ 200066

■ B162EF

■ 00004E

■ CE7DFF

■ 000536

■ EC98FF

■ 00021F

■ FFB4FF

■ 000003

■ FFD0FF

■ 000000

■ FFEDFF

■ 5C0C9B

■ 5C0C9B

57009B

631B9B

6A2B9B

703A9B

774A9B

7E5A9B

85699B

8C789B

93889B

99979B

# Harmonies

## Analogous

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



0040BC



5C0C9B



960063

# Triad

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



5C0C9B



682E00



00545B

# Complementary

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



5C0C9B



4B9B0C

# 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.



005218



5C0C9B



324500

# Square

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



5C0C9B



8F0000



004E00



005596

# Rectangle

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



5C0C9B



A2003A



004E00



005346



# Sweetspot

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



5C0C9B



B191C9



0C4C9B



574366



E6E6E6



666666



# Same Dimension

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



5C0C9B



7100C9



9B0C94



49454D



4E008C



07000D



# Inverse Universe

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



9B0C4B



C90059



0C9B13



4D4548



8C003E

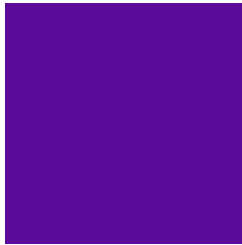


0D0006



# Previews

## White Background



This preview shows how the Hex color 5C0C9B looks on a white background.

## Color Contrast Check

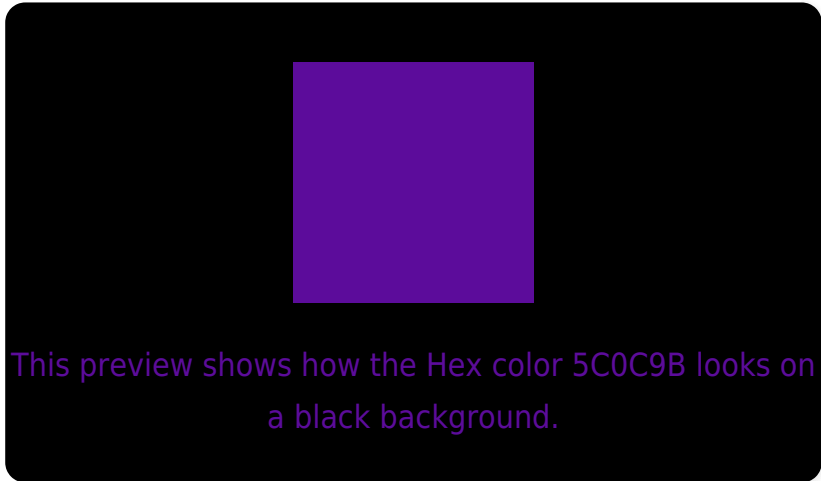
Large Text (above 18pt) WCAG AA ✓ Pass

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

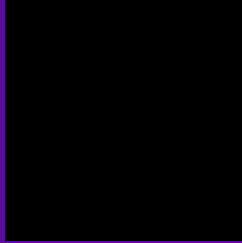
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C0C9B Background



This preview shows how black text looks on a background with the Hex color 5C0C9B.



This preview shows how white text looks on a background with the Hex color 5C0C9B.

# 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**  
5C0C9B

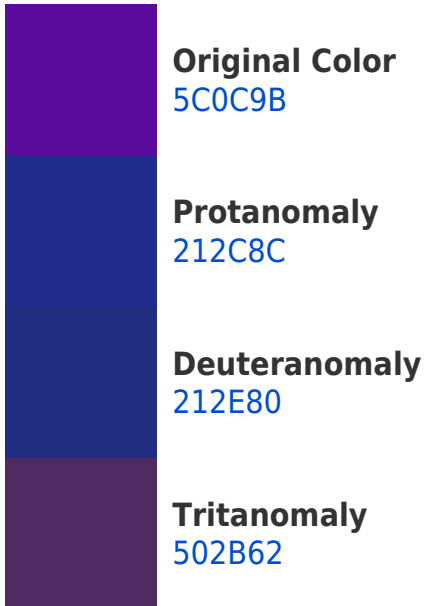
**Protanopia**  
003E83

**Deuteranopia**  
004271

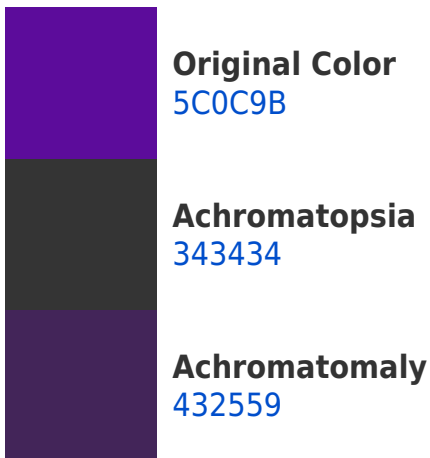


**Tritanopia**  
493D42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C0C9B 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 #5C0C9B looks like.

```
.text, #text, p{  
    color:#5C0C9B  
}
```

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 #5C0C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0C9B
}
```

## Border

The CSS property to change the border of an element to Hex 5C0C9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

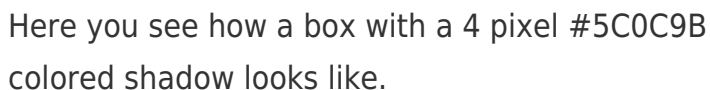
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0C9B }
```

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

```
.border{ border-color:#5C0C9B }
```

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



Here you see how a box with a 4 pixel #5C0C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0C9B; -webkit-box-shadow:4px 4px  
4px 4px #5C0C9B; box-shadow:4px 4px 4px  
4px #5C0C9B }
```

# Background

The CSS property to change the background color of an element to Hex 5C0C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0C9B }
```

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

```
.background{ background-color:#5C0C9B }
```

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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