

# Converting Colors

Hex(5C10AD)

Have a look what the booklet for  
Hex(5C10AD) contains.

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# Color

**Hex(5C10AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C10AD
RGB	92, 16, 173
RGB Percent	36%, 6%, 68%
CMY	0.6392, 0.9373, 0.3216
CMYK	0.47, 0.91, 0.00, 0.32
HSL	269°, 83%, 37%
HSV	269°, 91%, 68%
XYZ	12.1417, 5.6630, 39.9883
YIQ	56.6220, -5.1010, 64.9390

# Conversions

## Conversions Part 2

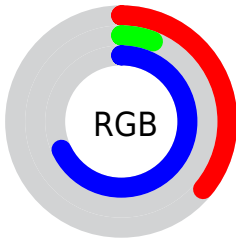
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 16, 173
Decimal	6033581
CIELab	28.55, 59.81, -66.42
CIElCh	29, 89.381, 312.001
Yxy	5.6630, 0.2101, 0.0980
Android (android.graphics.Color)	4284223661 (0xFF5C10AD)
YUV	56.6220, 57.3744, 31.0265
Hunter-Lab	23.7971, 49.4292, -82.9720

# Details

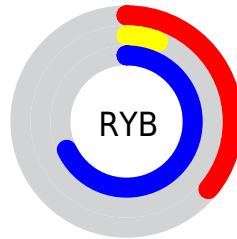
The Hex color **5C10AD** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **61AD10**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **964BE6**, and **1A0077** is the 20% darker color. If you saturate the color by 10%, you get **5400AD**, and if you desaturate by 10%, it is **6521AD**.

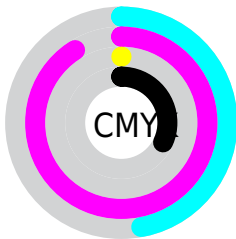
# Distribution



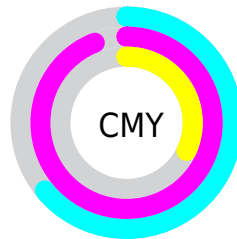
- Red (36%)
- Green (6%)
- Blue (68%)



- Red (36%)
- Yellow (6%)
- Blue (68%)



- Cyan (47%)
- Magenta (91%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (94%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C10AD 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 5C10AD by changing the saturation by 10% instead.



5C10AD

5C10AD

FFFFFF

3E0092

964BE6

1A0077

B366FF

00005E

D181FF

000045

EF9CFF

00032D

FFB8FF

000118

FFD4FF

000000

FFF1FF

5C10AD

5C10AD

■ 5400AD

■ 6521AD

■ 6E33AD

■ 7744AD

■ 8055AD

■ 8967AD

■ 9278AD

■ 9A89AD

■ A39AAD

■ ACACAD

# Harmonies

## Analogous

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



0047D0



5C10AD



A20070

# Triad

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



5C10AD



742F00



005A5F

# Complementary

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



5C10AD



61AD10

# 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.



005812



5C10AD



394A00

# Square

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



5C10AD



9D0000



005400



005CA1

# Rectangle

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



5C10AD



B00043



005400



005A47



# Sweetspot

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



5C10AD



C1A4E0



1061AD



5E4C70



F0F0F0



707070



# Same Dimension

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



5C10AD



6D00E0



AA10AD



524E57



490096



0B0017



# Inverse Universe

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



AD1061



E00074



13AD10



574E53



96004E

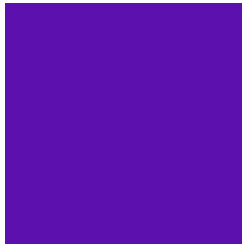


17000C



# Previews

## White Background



This preview shows how the Hex color 5C10AD looks on a white background.

## Color Contrast Check

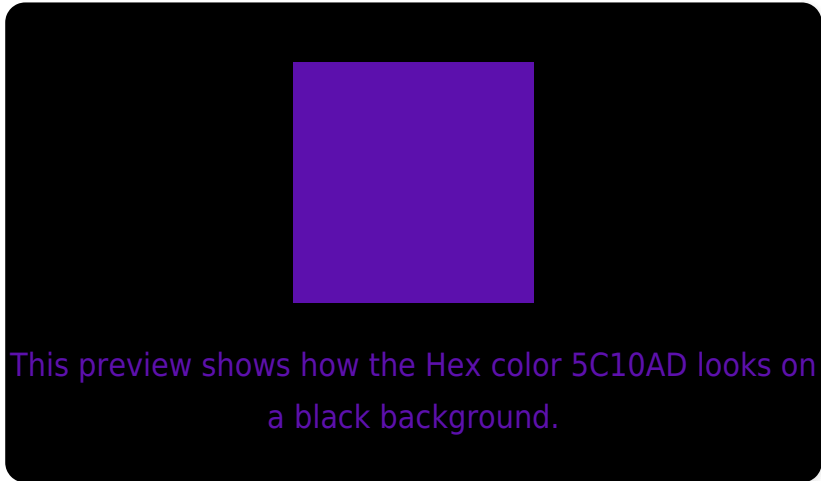
Large Text (above 18pt) WCAG AA ✓ Pass

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

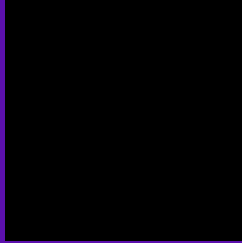
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C10AD Background



This preview shows how black text looks on a background with the Hex color 5C10AD.



This preview shows how white text looks on a background with the Hex color 5C10AD.

# 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](#).

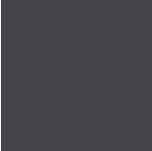
## Dichromacy



**Original Color**  
5C10AD

**Protanopia**  
00428C

**Deuteranopia**  
004778



**Tritanopia**  
43454A

# Trichromacy



**Original Color**  
5C10AD



**Protanomaly**  
213098



**Deuteranomaly**  
21338B



**Tritanomaly**  
4C326E

# Monochromacy



**Original Color**  
5C10AD



**Achromatopsia**  
393939



**Achromatomaly**  
462A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C10AD 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 #5C10AD looks like.

```
.text, #text, p{  
    color:#5C10AD  
}
```

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 #5C10AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C10AD
}
```

## Border

The CSS property to change the border of an element to Hex 5C10AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

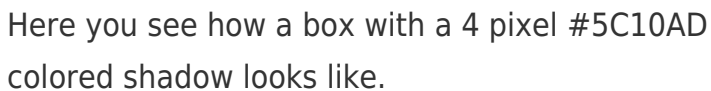
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C10AD }
```

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

```
.border{ border-color:#5C10AD }
```

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



Here you see how a box with a 4 pixel #5C10AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C10AD; -webkit-box-shadow:4px 4px  
4px 4px #5C10AD; box-shadow:4px 4px 4px  
4px #5C10AD }
```

# Background

The CSS property to change the background color of an element to Hex 5C10AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C10AD }
```

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

```
.background{ background-color:#5C10AD }
```

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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