

# Converting Colors

Hex(5C20AF)

Have a look what the booklet for  
Hex(5C20AF) contains.

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# Color

**Hex(5C20AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C20AF
RGB	92, 32, 175
RGB Percent	36%, 13%, 69%
CMY	0.6392, 0.8745, 0.3137
CMYK	0.47, 0.82, 0.00, 0.31
HSL	265°, 69%, 41%
HSV	265°, 82%, 69%
XYZ	12.6680, 6.4035, 41.1258
YIQ	66.2420, -10.1430, 57.1930

# Conversions

## Conversions Part 2

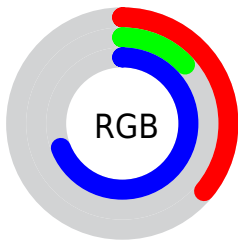
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 32, 175
Decimal	6037679
CIE Lab	30.41, 55.37, -64.56
CIE LCh	30, 85.047, 310.618
Yxy	6.4035, 0.2104, 0.1064
Android (android.graphics.Color)	4284227759 (0xFF5C20AF)
YUV	66.2420, 53.6177, 22.5898
Hunter-Lab	25.3051, 45.0751, -78.6443

# Details

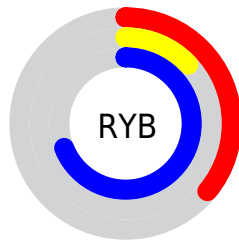
The Hex color **5C20AF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **73AF20**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9655E8**, and **1B0079** is the 20% darker color. If you saturate the color by 10%, you get **520EAF**, and if you desaturate by 10%, it is **6631AF**.

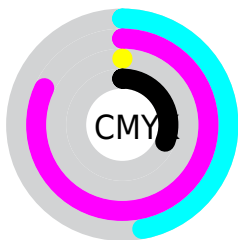
# Distribution



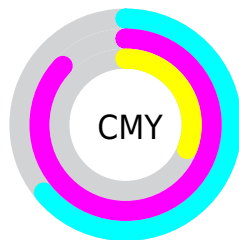
- Red (36%)
- Green (13%)
- Blue (69%)



- Red (36%)
- Yellow (13%)
- Blue (69%)



- Cyan (47%)
- Magenta (82%)
- Yellow (0%)
- Black (31%)



- Cyan (64%)
- Magenta (87%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C20AF 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 5C20AF by changing the saturation by 10% instead.



5C20AF

5C20AF

FFFFFF

3E0094

9655E8

1B0079

B36FFF

000060

D08AFF

000047

EEA5FF

00042F

FFC1FF

000119

FFDEFF

000000

FFFBFF

5C20AF

5C20AF

■ 520EAF

■ 6631AF

■ 4900AF

■ 7043AF

■ 7A54AF

■ 8566AF

■ 8F78AF

■ 9989AF

■ A39BAF

■ ADACAF

■ B7BDAF

# Harmonies

## Analogous

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



004BCF



5C20AF



A10075

# Triad

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



5C20AF



7A3300



005F5F

# Complementary

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



5C20AF



73AF20

# 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.



005C15



5C20AF



434D00

# Square

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



5C20AF



A10000



005800



00609F

# Rectangle

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



5C20AF



B1004A



005800



005E47



# Sweetspot

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



5C20AF



C2AAE3



2073AF



5F5073



F2F2F2



737373



# Same Dimension

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



5C20AF



6205E3



A320AF



524E57



3F0096



0A0017



# Inverse Universe

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



AF2073



E30586



2CAF20



574E53



960057

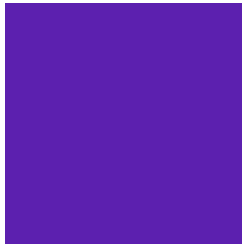


17000D



# Previews

## White Background



This preview shows how the Hex color 5C20AF 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

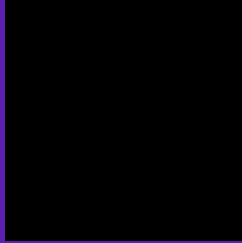
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C20AF Background



This preview shows how black text looks on a background with the Hex color 5C20AF.



This preview shows how white text looks on a background with the Hex color 5C20AF.

# 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**  
5C20AF

**Protanopia**  
004693

**Deuteranopia**  
004A7E



**Tritanopia**  
43494F

# Trichromacy



**Original Color**  
5C20AF



**Protanomaly**  
21389D



**Deuteranomaly**  
213B90



**Tritanomaly**  
4C3A72

# Monochromacy



**Original Color**  
5C20AF



**Achromatopsia**  
424242



**Achromatomaly**  
4B366A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C20AF 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 #5C20AF looks like.

```
.text, #text, p{  
    color:#5C20AF  
}
```

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 #5C20AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C20AF
}
```

## Border

The CSS property to change the border of an element to Hex 5C20AF 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
#5C20AF }
```

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

```
.border{ border-color:#5C20AF }
```

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

Here you see how a box with a 4 pixel #5C20AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C20AF; -webkit-box-shadow:4px 4px  
4px 4px #5C20AF; box-shadow:4px 4px 4px  
4px #5C20AF }
```

# Background

The CSS property to change the background color of an element to Hex 5C20AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C20AF }
```

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

```
.background{ background-color:#5C20AF }
```

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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