

# Converting Colors

Hex(5F0B8C)

Have a look what the booklet for  
Hex(5F0B8C) contains.

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# Color

**Hex(5F0B8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F0B8C
RGB	95, 11, 140
RGB Percent	37%, 4%, 55%
CMY	0.6275, 0.9569, 0.4510
CMYK	0.32, 0.92, 0.00, 0.45
HSL	279°, 85%, 30%
HSV	279°, 92%, 55%
XYZ	9.5726, 4.5657, 25.1877
YIQ	50.8220, 8.6550, 57.9270

# Conversions

## Conversions Part 2

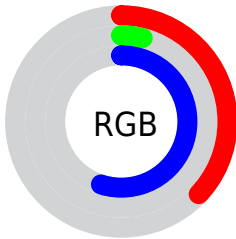
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 11, 140
Decimal	6228876
CIELab	25.46, 53.93, -51.29
CIElCh	25, 74.423, 316.434
Yxy	4.5657, 0.2434, 0.1161
Android (android.graphics.Color)	4284418956 (0xFF5F0B8C)
YUV	50.8220, 43.9648, 38.7441
Hunter-Lab	21.3675, 42.5748, -54.9330

# Details

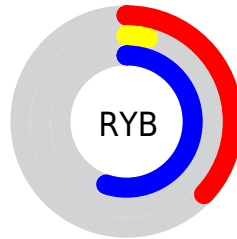
The Hex color **5F0B8C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **388C0B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9647C3**, and **280059** is the 20% darker color. If you saturate the color by 10%, you get **5B008C**, and if you desaturate by 10%, it is **64198C**.

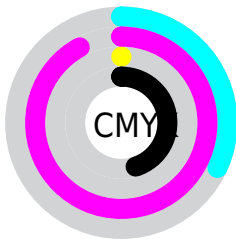
# Distribution



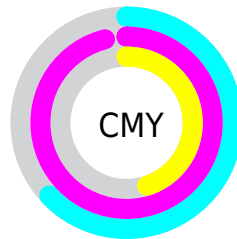
- Red (37%)
- Green (4%)
- Blue (55%)



- Red (37%)
- Yellow (4%)
- Blue (55%)



- Cyan (32%)
- Magenta (92%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (96%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F0B8C 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 5F0B8C by changing the saturation by 10% instead.



5F0B8C

5F0B8C

FFFFFF

440072

9647C3

280059

B361DF

090041

CF7CFC

000329

ED97FF

000113

FFB2FF

000000

FFCFFF

FFECFF

5F0B8C

5F0B8C

■ 5B008C

■ 64198C

■ 69278C

■ 6E358C

■ 73438C

■ 77518C

■ 7C5F8C

■ 816D8C

■ 867B8C

■ 8B898C

# Harmonies

## Analogous

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



003BAC



5F0B8C



8E0058

# Triad

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



5F0B8C



603000



00505B

# Complementary

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



5F0B8C



388C0B

# 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.



004F1F



5F0B8C



2D4300

# Square

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



5F0B8C



840000



004C00



00518F

# Rectangle

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



5F0B8C



970034



004C00



005048



# Sweetspot

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



5F0B8C



A382B5



0B388C



513D5C



DBDBDB



5C5C5C



# Same Dimension

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



5F0B8C



7600B5



8C0B79



423E45



560085



030005



# Inverse Universe

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



8C0B38



B5003F



0B8C1E



453E40



85002E

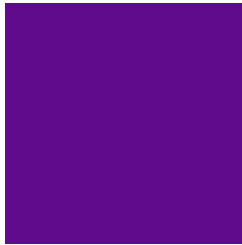


050002



# Previews

## White Background



This preview shows how the Hex color 5F0B8C looks on a white background.

## Color Contrast Check

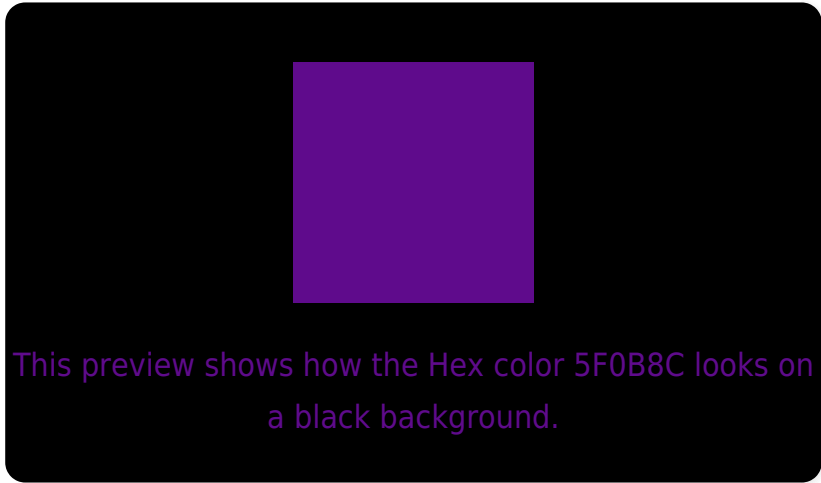
Large Text (above 18pt) WCAG AA ✓ Pass

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

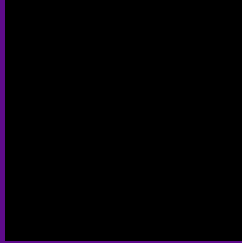
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F0B8C Background



This preview shows how black text looks on a background with the Hex color 5F0B8C.



This preview shows how white text looks on a background with the Hex color 5F0B8C.

# 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**  
5F0B8C

**Protanopia**  
003C7F

**Deuteranopia**  
00406E



**Tritanopia**  
51373C

# Trichromacy



**Original Color**  
5F0B8C



**Protanomaly**  
232A84



**Deuteranomaly**  
232D79



**Tritanomaly**  
562759

# Monochromacy



**Original Color**  
5F0B8C



**Achromatopsia**  
333333



**Achromatomaly**  
432453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F0B8C 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 #5F0B8C looks like.

```
.text, #text, p{  
    color:#5F0B8C  
}
```

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 #5F0B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0B8C
}
```

## Border

The CSS property to change the border of an element to Hex 5F0B8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

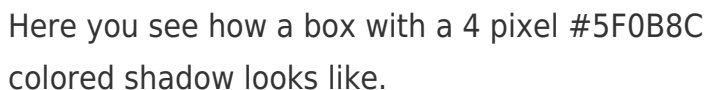
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F0B8C }
```

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

```
.border{ border-color:#5F0B8C }
```

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



Here you see how a box with a 4 pixel #5F0B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0B8C; -webkit-box-shadow:4px 4px  
4px 4px #5F0B8C; box-shadow:4px 4px 4px  
4px #5F0B8C }
```

# Background

The CSS property to change the background color of an element to Hex 5F0B8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0B8C }
```

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

```
.background{ background-color:#5F0B8C }
```

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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