

# Converting Colors

Hex(5F1CA7)

Have a look what the booklet for  
Hex(5F1CA7) contains.

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# Color

**Hex(5F1CA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F1CA7
RGB	95, 28, 167
RGB Percent	37%, 11%, 65%
CMY	0.6275, 0.8902, 0.3451
CMYK	0.43, 0.83, 0.00, 0.35
HSL	269°, 71%, 38%
HSV	269°, 83%, 65%
XYZ	12.1096, 6.0534, 37.0894
YIQ	63.8790, -4.6870, 57.4330

# Conversions

## Conversions Part 2

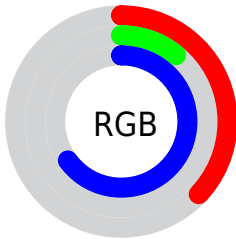
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 28, 167
Decimal	6233255
CIELab	29.55, 55.27, -61.15
CIElCh	30, 82.426, 312.110
Yxy	6.0534, 0.2192, 0.1096
Android (android.graphics.Color)	4284423335 (0xFF5F1CA7)
YUV	63.8790, 50.8387, 27.2931
Hunter-Lab	24.6037, 44.7989, -72.1554

# Details

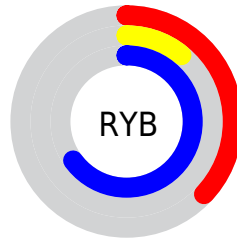
The Hex color **5F1CA7** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **64A71C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9852DF**, and **220072** is the 20% darker color. If you saturate the color by 10%, you get **560BA7**, and if you desaturate by 10%, it is **682DA7**.

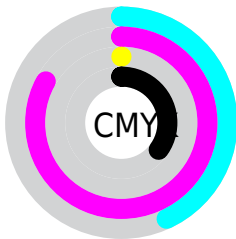
# Distribution



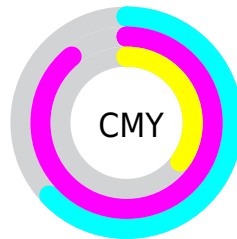
- Red (37%)
- Green (11%)
- Blue (65%)



- Red (37%)
- Yellow (11%)
- Blue (65%)



- Cyan (43%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (89%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F1CA7 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 5F1CA7 by changing the saturation by 10% instead.



5F1CA7

5F1CA7

FFFFFF

42008C

9852DF

220072

B56CFC

000058

D287FF

000040

F0A2FF

000329

FFBEFF

000113

FFDBFF

000000

FFF8FF

5F1CA7

5F1CA7

■ 560BA7

■ 682DA7

■ 5000A7

■ 703DA7

■ 794EA7

■ 825FA7

■ 8A6FA7

■ 9380A7

■ 9C91A7

■ A4A2A7

■ ADB2A7

# Harmonies

## Analogous

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



0048C7



5F1CA7



9E006F

# Triad

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



5F1CA7



743300



005C5F

# Complementary

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



5F1CA7



64A71C

# 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.



005A19



5F1CA7



3E4B00

# Square

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



5F1CA7



9B0000



005600



005D9C

# Rectangle

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



5F1CA7



AC0045



005600



005B49



# Sweetspot

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



5F1CA7



BDA3D9



1C66A7



5D4D6E



EDEDED



6E6E6E



# Same Dimension

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



5F1CA7



6800D9



A21CA7



504C54



470094



0A0014



# Inverse Universe

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



A71C64



D90070



21A71C



544C50



94004D

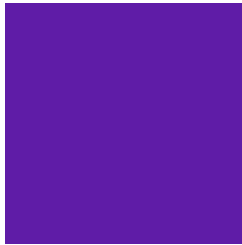


14000B



# Previews

## White Background



This preview shows how the Hex color 5F1CA7 looks on a white background.

## Color Contrast Check

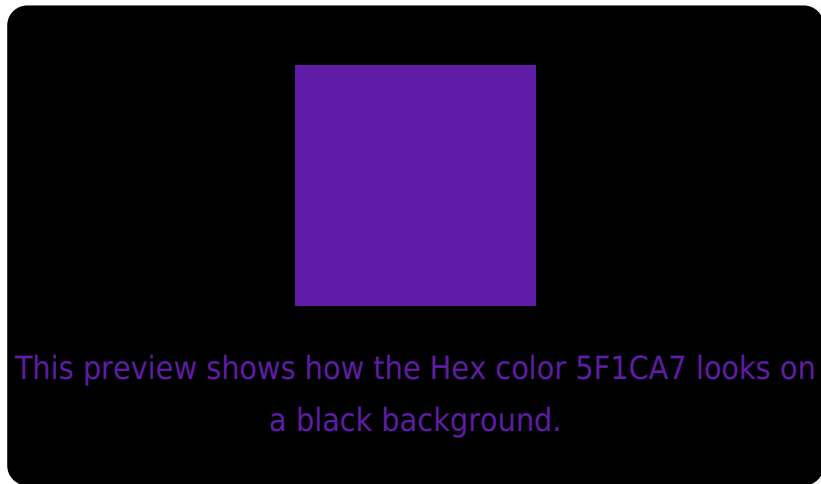
Large Text (above 18pt) WCAG AA ✓ Pass

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

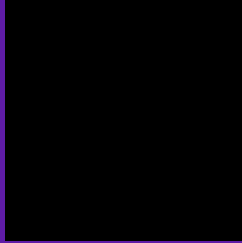
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F1CA7 Background



This preview shows how black text looks on a background with the Hex color 5F1CA7.



This preview shows how white text looks on a background with the Hex color 5F1CA7.

# 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**  
5F1CA7

**Protanopia**  
00448F

**Deuteranopia**  
00497B



**Tritanopia**  
4A454A

# Trichromacy



**Original Color**  
5F1CA7



**Protanomaly**  
233598



**Deuteranomaly**  
23398B



**Tritanomaly**  
52366C

# Monochromacy



**Original Color**  
5F1CA7



**Achromatopsia**  
404040



**Achromatomaly**  
4B3365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F1CA7 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 #5F1CA7 looks like.

```
.text, #text, p{  
    color:#5F1CA7  
}
```

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 #5F1CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1CA7
}
```

## Border

The CSS property to change the border of an element to Hex 5F1CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

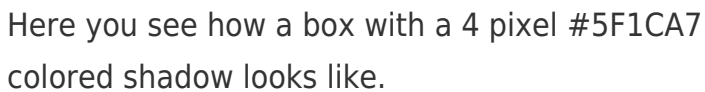
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1CA7 }
```

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

```
.border{ border-color:#5F1CA7 }
```

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



Here you see how a box with a 4 pixel #5F1CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1CA7; -webkit-box-shadow:4px 4px  
4px 4px #5F1CA7; box-shadow:4px 4px 4px  
4px #5F1CA7 }
```

# Background

The CSS property to change the background color of an element to Hex 5F1CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1CA7 }
```

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

```
.background{ background-color:#5F1CA7 }
```

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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