

# Converting Colors

Hex(5F11BB)

Have a look what the booklet for  
Hex(5F11BB) contains.

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# Color

**Hex(5F11BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F11BB
RGB	95, 17, 187
RGB Percent	37%, 7%, 73%
CMY	0.6275, 0.9333, 0.2667
CMYK	0.49, 0.91, 0.00, 0.27
HSL	268°, 83%, 40%
HSV	268°, 91%, 73%
XYZ	13.8894, 6.4216, 47.5212
YIQ	59.7020, -8.0820, 69.4060

# Conversions

## Conversions Part 2

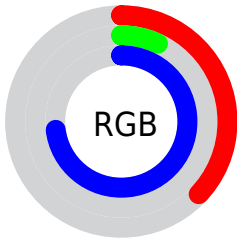
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 17, 187
Decimal	6230459
CIELab	30.45, 63.14, -71.62
CIElCh	30, 95.473, 311.399
Yxy	6.4216, 0.2048, 0.0947
Android (android.graphics.Color)	4284420539 (0xFF5F11BB)
YUV	59.7020, 62.7579, 30.9563
Hunter-Lab	25.3410, 53.4893, -93.4460

# Details

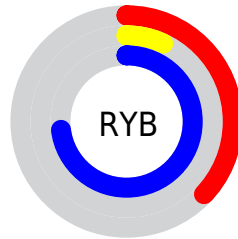
The Hex color **5F11BB** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6DBB11**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9B4DF4**, and **190084** is the 20% darker color. If you saturate the color by 10%, you get **5600BB**, and if you desaturate by 10%, it is **6924BB**.

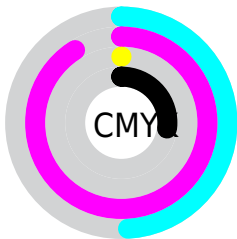
# Distribution



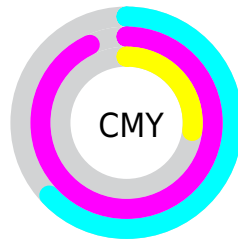
- Red (37%)
- Green (7%)
- Blue (73%)



- Red (37%)
- Yellow (7%)
- Blue (73%)



- Cyan (49%)
- Magenta (91%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (93%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F11BB 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 5F11BB by changing the saturation by 10% instead.



 5F11BB

 5F11BB

FFFFFF

 40009F

 9B4DF4

 190084

 B868FF

 00006A

 D683FF

 000051

 F49FFF

 000539

 FFBBFF

 000222

 FFD7FF

 000008

 FFF5FF

 000000

 5F11BB

 5F11BB

5600BB

6924BB

7336BB

7D49BB

875CBB

926FBB

9C81BB

A694BB

B0A7BB

BAB9BB

# Harmonies

## Analogous

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



004CE0



5F11BB



AC0079

# Triad

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



5F11BB



7D3000



006064

# Complementary

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



5F11BB



6DBB11

# 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.



005E10



5F11BB



3E4E00

# Square

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



5F11BB



A90000



005A00



0062AC

# Rectangle

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



5F11BB



BD0048



005A00



005F4A



# Sweetspot

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



5F11BB



CFB1F2



116FBB



65537A



FAFAFA



7A7A7A



# Same Dimension

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



5F11BB



6F00F2



B211BB



59555E



49009E



0E001F



# Inverse Universe

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



BB116D



F20083



19BB11



5E555A



9E0056

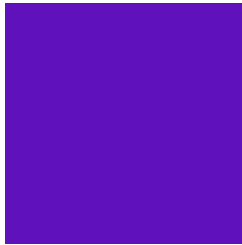


1F0011



# Previews

## White Background



This preview shows how the Hex color 5F11BB looks on a white background.

## Color Contrast Check

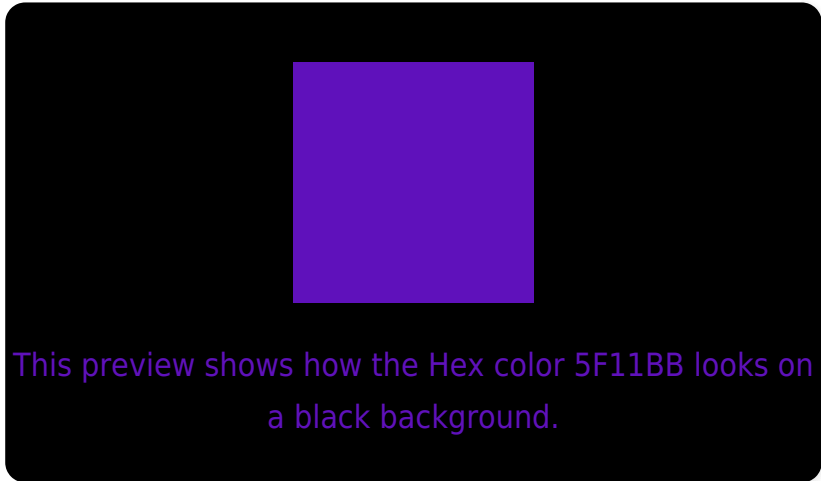
Large Text (above 18pt) WCAG AA ✓ Pass

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

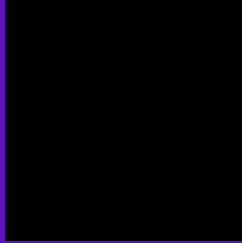
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F11BB Background



This preview shows how black text looks on a background with the Hex color 5F11BB.

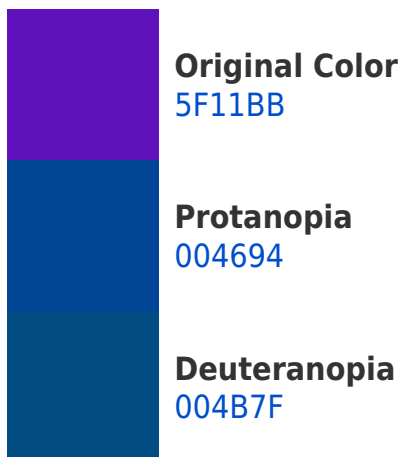


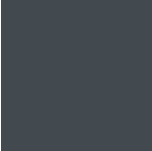
This preview shows how white text looks on a background with the Hex color 5F11BB.

# 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





**Tritanopia**  
424A50

# Trichromacy



**Original Color**  
5F11BB



**Protanomaly**  
2333A2



**Deuteranomaly**  
233695



**Tritanomaly**  
4D3577

# Monochromacy



**Original Color**  
5F11BB



**Achromatopsia**  
3C3C3C



**Achromatomaly**  
492C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F11BB 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 #5F11BB looks like.

```
.text, #text, p{  
    color:#5F11BB  
}
```

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 #5F11BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F11BB
}
```

## Border

The CSS property to change the border of an element to Hex 5F11BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

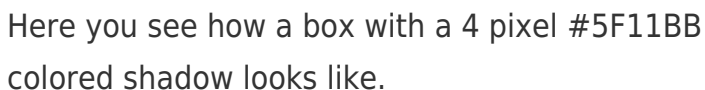
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F11BB }
```

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

```
.border{ border-color:#5F11BB }
```

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



Here you see how a box with a 4 pixel #5F11BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F11BB; -webkit-box-shadow:4px 4px  
4px 4px #5F11BB; box-shadow:4px 4px 4px  
4px #5F11BB }
```

# Background

The CSS property to change the background color of an element to Hex 5F11BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F11BB }
```

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

```
.background{ background-color:#5F11BB }
```

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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