

Converting Colors

Hex(5B11AA)

Have a look what the booklet for
Hex(5B11AA) contains.

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Color

Hex(5B11AA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5B11AA |
| RGB | 91, 17, 170 |
| RGB Percent | 36%, 7%, 67% |
| CMY | 0.6431, 0.9333, 0.3333 |
| CMYK | 0.46, 0.90, 0.00, 0.33 |
| HSL | 269°, 82%, 37% |
| HSV | 269°, 90%, 67% |
| XYZ | 11.7705, 5.5273, 38.4767 |
| YIQ | 56.5680, -5.0090, 63.2710 |

Conversions

Conversions Part 2

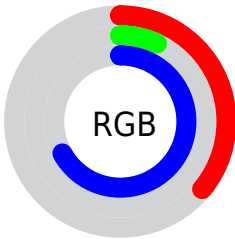
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 91, 17, 170 |
| Decimal | 5968298 |
| CIELab | 28.19, 58.76, -65.21 |
| CIELCh | 28, 87.782, 312.021 |
| Yxy | 5.5273, 0.2110, 0.0991 |
| Android (android.graphics.Color) | 4284158378 (0xFF5B11AA) |
| YUV | 56.5680, 55.9220, 30.1969 |
| Hunter-Lab | 23.5103, 48.2240, -80.5764 |

Details

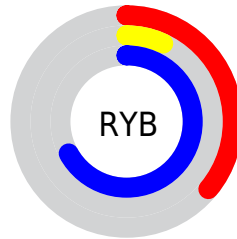
The Hex color **5B11AA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **60AA11**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **954BE2**, and **190074** is the 20% darker color. If you saturate the color by 10%, you get **5200AA**, and if you desaturate by 10%, it is **6422AA**.

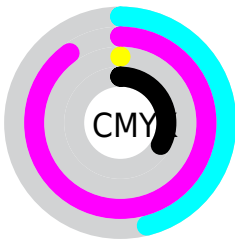
Distribution



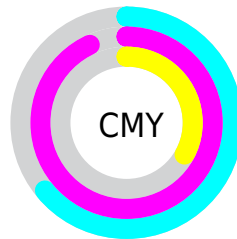
- Red (36%)
- Green (7%)
- Blue (67%)



- Red (36%)
- Yellow (7%)
- Blue (67%)



- Cyan (46%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B11AA 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 5B11AA by changing the saturation by 10% instead.

5B11AA

5B11AA

FFFFFF

3D008F

954BE2

190074

B266FF

00005B

D080FF

000142

ED9CFF

00032B

FFB8FF

000115

FFD4FF

000000

FFF1FF

5B11AA

5B11AA

■ 5200AA

■ 6422AA

■ 6D33AA

■ 7544AA

■ 7E55AA

■ 8766AA

■ 9077AA

■ 9888AA

■ A199AA

■ AAAAAA

Harmonies

Analogous

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



0046CC



5B11AA



9F006E

Triad

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



5B11AA



722E00



00595D

Complementary

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



5B11AA



60AA11

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.



005712



5B11AA



394900

Square

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



5B11AA



9B0000



005300



005A9E

Rectangle

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



5B11AA



AD0042



005300



005846

Sweetspot

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



5B11AA



BFA2DE



1160AA



5E4C70



F0F0F0



707070

Same Dimension

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



5B11AA



6B00DE



A711AA



504C54



480094



0A0014

Inverse Universe

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



AA1160



DE0073



14AA11



544C50



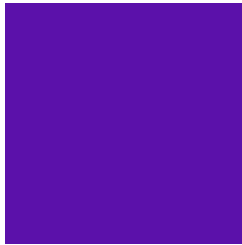
94004C



14000B

Previews

White Background



This preview shows how the Hex color 5B11AA looks on a white background.

Color Contrast Check

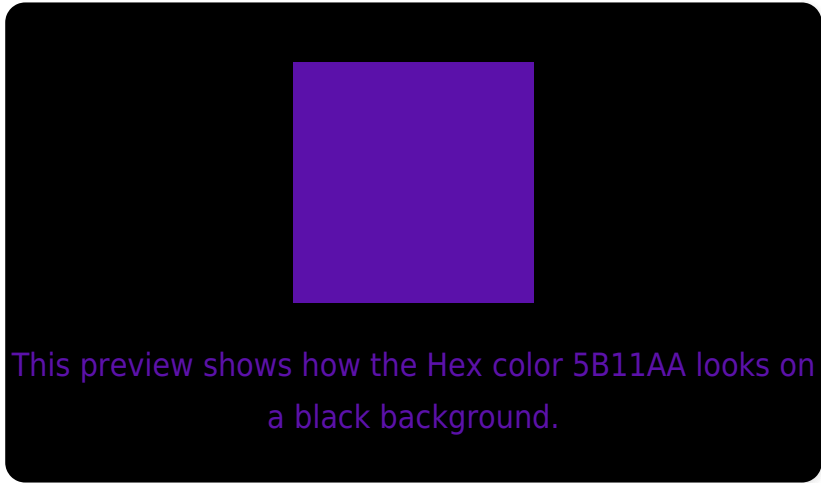
Large Text (above 18pt) WCAG AA ✓ Pass

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

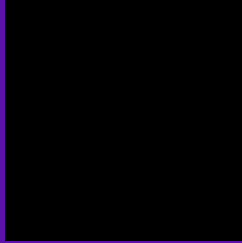
Any Text WCAG AA × Fail

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 5B11AA Background



This preview shows how black text looks on a background with the Hex color 5B11AA.



This preview shows how white text looks on a background with the Hex color 5B11AA.

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
5B11AA

Protanopia
00428A

Deuteranopia
004676



Tritanopia
434449

Trichromacy



Original Color
5B11AA

Protanomaly
213096

Deuteranomaly
213389

Tritanomaly
4C316C

Monochromacy



Original Color
5B11AA

Achromatopsia
393939

Achromatomaly
452A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B11AA 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 #5B11AA looks like.

```
.text, #text, p{  
    color:#5B11AA  
}
```

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 #5B11AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B11AA
}
```

Border

The CSS property to change the border of an element to Hex 5B11AA 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
#5B11AA }
```

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

```
.border{ border-color:#5B11AA }
```

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

Here you see how a box with a 4 pixel #5B11AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B11AA; -webkit-box-shadow:4px 4px  
4px 4px #5B11AA; box-shadow:4px 4px 4px  
4px #5B11AA }
```

Background

The CSS property to change the background color of an element to Hex 5B11AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B11AA }
```

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

```
.background{ background-color:#5B11AA }
```

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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