

Converting Colors

Hex(5C06A8)

Have a look what the booklet for
Hex(5C06A8) contains.

Hex(5C06A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C06A8)

Conversions

Conversions Part 1

Format	Color
Hex	5C06A8
RGB	92, 6, 168
RGB Percent	36%, 2%, 66%
CMY	0.6392, 0.9765, 0.3412
CMYK	0.45, 0.96, 0.00, 0.34
HSL	272°, 93%, 34%
HSV	272°, 96%, 66%
XYZ	11.5466, 5.2327, 37.4472
YIQ	50.1820, -0.7460, 68.6140

Conversions

Conversions Part 2

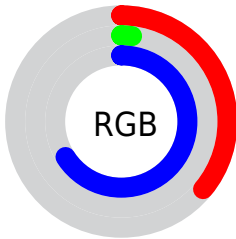
Format	Color
RYB	92, 6, 168
Decimal	6031016
CIELab	27.39, 60.62, -65.32
CIElCh	27, 89.112, 312.862
Yxy	5.2327, 0.2129, 0.0965
Android (android.graphics.Color)	4284221096 (0xFF5C06A8)
YUV	50.1820, 58.0843, 36.6744
Hunter-Lab	22.8751, 50.0697, -81.0468

Details

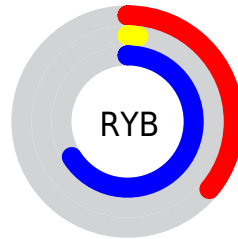
The Hex color **5C06A8** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **52A806**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9646E0**, and **1B0072** is the 20% darker color. If you saturate the color by 10%, you get **5900A8**, and if you desaturate by 10%, it is **6417A8**.

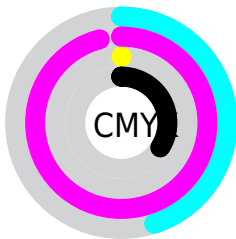
Distribution



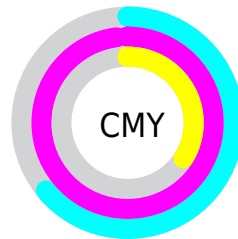
- Red (36%)
- Green (2%)
- Blue (66%)



- Red (36%)
- Yellow (2%)
- Blue (66%)



- Cyan (45%)
- Magenta (96%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (98%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C06A8 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 5C06A8 by changing the saturation by 10% instead.

■ 5C06A8

■ 5C06A8

FFFFFF

■ 3E008D

■ 9646E0

■ 1B0072

■ B361FE

■ 000059

■ D17CFF

■ 000240

■ EF98FF

■ 000329

■ FFB4FF

■ 000113

■ FFD0FF

■ 000000

■ FFEDFF

■ 5C06A8

■ 5C06A8

■ 5900A8

■ 6417A8

■ 6C28A8

■ 7438A8

■ 7C49A8

■ 835AA8

■ 8B6BA8

■ 937CA8

■ 9B8CA8

■ A39DA8

Harmonies

Analogous

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



0043CC



5C06A8



9F006B

Triad

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



5C06A8



6F2D00



00575E

Complementary

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



5C06A8



52A806

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.



005512



5C06A8



344700

Square

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



5C06A8



980000



005100



00599F

Rectangle

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



5C06A8



AC003E



005100



005646

Sweetspot

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



5C06A8



BD9CDB



0654A8



5C476E



EDEDED



6E6E6E

Same Dimension

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



5C06A8



7400DB



A806A5



504C54



4F0094



0B0014

Inverse Universe

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



A80652



DB0067



06A809



544C50



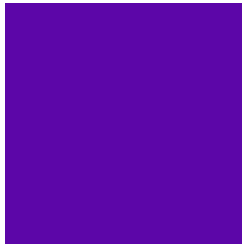
940045



14000A

Previews

White Background



This preview shows how the Hex color 5C06A8 looks on a white background.

Color Contrast Check

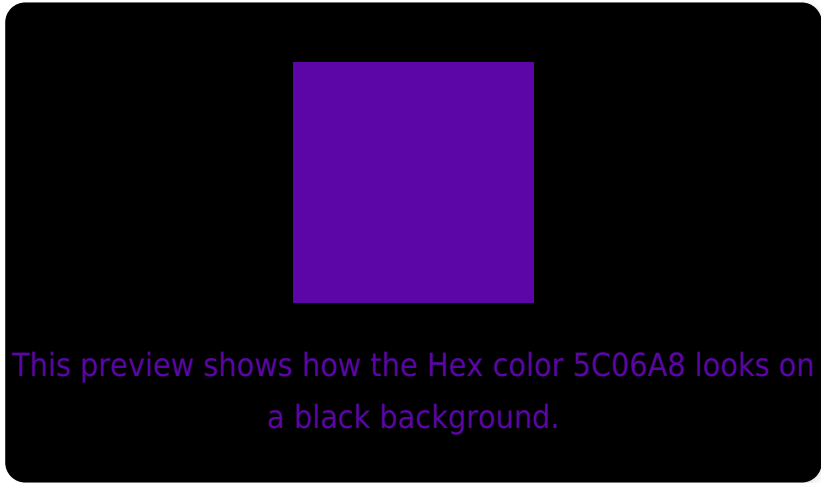
Large Text (above 18pt) WCAG AA ✓ Pass

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

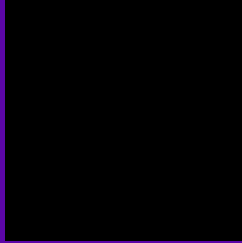
Any Text WCAG AA × Fail

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 5C06A8 Background



This preview shows how black text looks on a background with the Hex color 5C06A8.



This preview shows how white text looks on a background with the Hex color 5C06A8.

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
5C06A8

Protanopia
004188

Deuteranopia
004574



Tritanopia
444247

Trichromacy



Original Color
5C06A8



Protanomaly
212C94



Deuteranomaly
212E87



Tritanomaly
4D2C6A

Monochromacy



Original Color
5C06A8



Achromatopsia
323232



Achromatomaly
41225D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C06A8 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 #5C06A8 looks like.

```
.text, #text, p{  
    color:#5C06A8  
}
```

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 #5C06A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C06A8
}
```

Border

The CSS property to change the border of an element to Hex 5C06A8 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
#5C06A8 }
```

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

```
.border{ border-color:#5C06A8 }
```

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

Here you see how a box with a 4 pixel #5C06A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C06A8; -webkit-box-shadow:4px 4px  
4px 4px #5C06A8; box-shadow:4px 4px 4px  
4px #5C06A8 }
```

Background

The CSS property to change the background color of an element to Hex 5C06A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C06A8 }
```

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

```
.background{ background-color:#5C06A8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor