

Converting Colors

Hex(5C00AE)

Have a look what the booklet for
Hex(5C00AE) contains.

Hex(5C00AE)	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(5C00AE)

Conversions

Conversions Part 1

Format	Color
Hex	5C00AE
RGB	92, 0, 174
RGB Percent	36%, 0%, 68%
CMY	0.6392, 1.0000, 0.3176
CMYK	0.47, 1.00, 0.00, 0.32
HSL	272°, 100%, 34%
HSV	272°, 100%, 68%
XYZ	12.0536, 5.3313, 40.4381
YIQ	47.3440, -1.0220, 73.6180

Conversions

Conversions Part 2

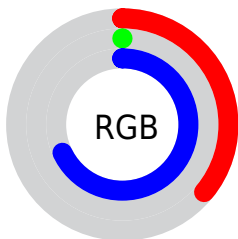
Format	Color
RYB	92, 0, 174
Decimal	6029486
CIELab	27.66, 63.02, -68.49
CIELCh	28, 93.072, 312.620
Yxy	5.3313, 0.2085, 0.0922
Android (android.graphics.Color)	4284219566 (0xFF5C00AE)
YUV	47.3440, 62.4414, 39.1633
Hunter-Lab	23.0896, 52.7766, -87.6752

Details

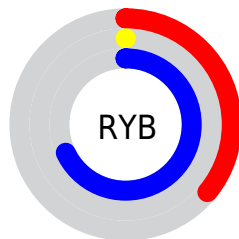
The Hex color **5C00AE** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **52AE00**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9745E7**, and **180078** is the 20% darker color. If you saturate the color by 10%, you get **5C00AE**, and if you desaturate by 10%, it is **6411AE**.

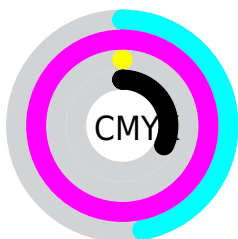
Distribution



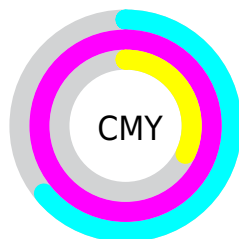
- Red (36%)
- Green (0%)
- Blue (68%)



- Red (36%)
- Yellow (0%)
- Blue (68%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C00AE 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 5C00AE by changing the saturation by 10% instead.

 5C00AE

 5C00AE

FFFFFF

 3D0093

 9745E7

 180078

 B460FF

 00005E

 D27BFF

 000045

 F096FF

 00042E

 FF2FF

 000118

 FFCFFF

 000000

 FFE0FF

 5C00AE

 6411AE

 6C23AE

 7534AE

 7D46AE

 8557AE

 8D68AE

 957AAE

 9E8BAE

 A69DAE

Harmonies

Analogous

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



0045D3



5C00AE



A3006E

Triad

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



5C00AE



712D00



00585F

Complementary

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



5C00AE



52AE00

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.



00560F



5C00AE



344800

Square

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



5C00AE



9C0000



005300



005AA4

Rectangle

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



5C00AE



B1003F



005300



005846

Sweetspot

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



5C00AE



C39FE3



0054AE



5F4973



F2F2F2



737373

Same Dimension

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



5C00AE



7800E3



AE00AB



534E57



500096



0C0017

Inverse Universe

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



AE0052



E3006B



00AE03



574E52



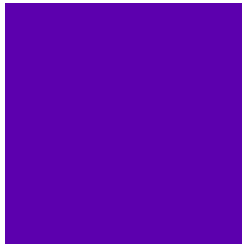
960047



17000B

Previews

White Background



This preview shows how the Hex color 5C00AE looks on a white background.

Color Contrast Check

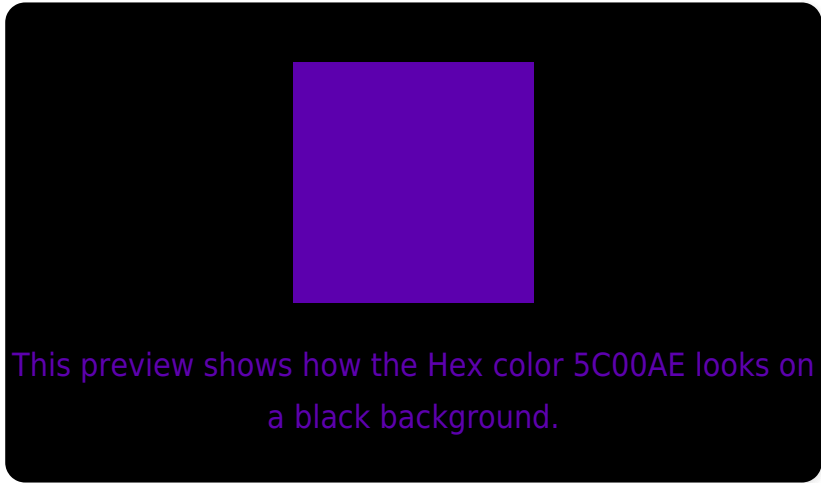
Large Text (above 18pt) WCAG AA ✓ Pass

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

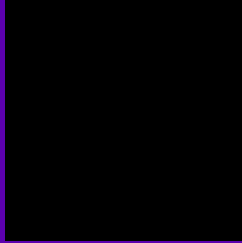
Any Text WCAG AA × Fail

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 5C00AE Background



This preview shows how black text looks on a background with the Hex color 5C00AE.



This preview shows how white text looks on a background with the Hex color 5C00AE.

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](#).

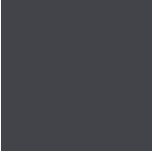
Dichromacy



Original Color
5C00AE

Protanopia
00428A

Deuteranopia
004676



Tritanopia
424449

Trichromacy



Original Color
5C00AE

Protanomaly
212A97

Deuteranomaly
212D8A

Tritanomaly
4B2B6E

Monochromacy



Original Color
5C00AE

Achromatopsia
2F2F2F

Achromatomaly
3F1E5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C00AE 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 #5C00AE looks like.

```
.text, #text, p{  
    color:#5C00AE  
}
```

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 #5C00AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C00AE
}
```

Border

The CSS property to change the border of an element to Hex 5C00AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

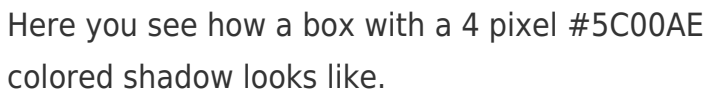
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C00AE }
```

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

```
.border{ border-color:#5C00AE }
```

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



Here you see how a box with a 4 pixel #5C00AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C00AE; -webkit-box-shadow:4px 4px  
4px 4px #5C00AE; box-shadow:4px 4px 4px  
4px #5C00AE }
```

Background

The CSS property to change the background color of an element to Hex 5C00AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C00AE }
```

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

```
.background{ background-color:#5C00AE }
```

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](https://twitter.com/ConvertingColor)