

# Converting Colors

Hex(5C008F)

Have a look what the booklet for  
Hex(5C008F) contains.

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# Color

**Hex(5C008F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C008F
RGB	92, 0, 143
RGB Percent	36%, 0%, 56%
CMY	0.6392, 1.0000, 0.4392
CMYK	0.36, 1.00, 0.00, 0.44
HSL	279°, 100%, 28%
HSV	279°, 100%, 56%
XYZ	9.3716, 4.2585, 26.3146
YIQ	43.8100, 8.9290, 63.9770

# Conversions

## Conversions Part 2

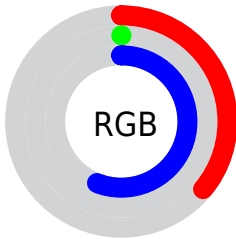
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 0, 143
Decimal	6029455
CIELab	24.51, 56.39, -54.74
CIElCh	25, 78.584, 315.851
Yxy	4.2585, 0.2346, 0.1066
Android (android.graphics.Color)	4284219535 (0xFF5C008F)
YUV	43.8100, 48.9007, 42.2626
Hunter-Lab	20.6361, 44.9498, -61.1599

# Details

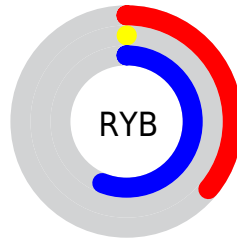
The Hex color **5C008F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **338F00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9442C6**, and **24005B** is the 20% darker color. If you saturate the color by 10%, you get **5C008F**, and if you desaturate by 10%, it is **610E8F**.

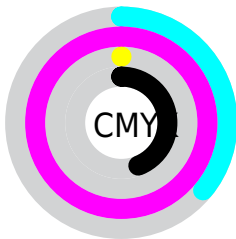
# Distribution



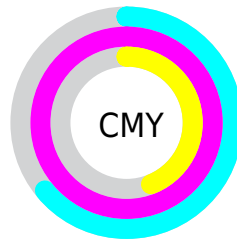
- Red (36%)
- Green (0%)
- Blue (56%)



- Red (36%)
- Yellow (0%)
- Blue (56%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C008F 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 5C008F by changing the saturation by 10% instead.



 5C008F

 5C008F

FFFFFF

 400075

 9442C6

 24005B

 B05CE2

 000043

 CD77FF

 00032C

 EB92FF

 000116

 FFAEFF

 000000

 FFCAFF

 FFE7FF

 5C008F

 610E8F

 661D8F

 6B2B8F

 70398F

 76488F

 7B568F

 80648F

 85728F

 8A818F

# Harmonies

## Analogous

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



003AB1



5C008F



8F0059

# Triad

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



5C008F



5F2D00



004E5A

# Complementary

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



5C008F



338F00

# 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.



004D1A



5C008F



2A4100

# Square

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



5C008F



840000



004A00



004F91

# Rectangle

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



5C008F



990032



004A00



004E45



# Sweetspot

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



5C008F



A682BA



00348F



523C5E



DEDEDE



5E5E5E



# Same Dimension

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



5C008F



7800BA



8F007C



454047



570087



050008



# Inverse Universe

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



8F0033



BA0042



008F13



474043



870030



080003



# Previews

## White Background



This preview shows how the Hex color 5C008F looks on a white background.

## Color Contrast Check

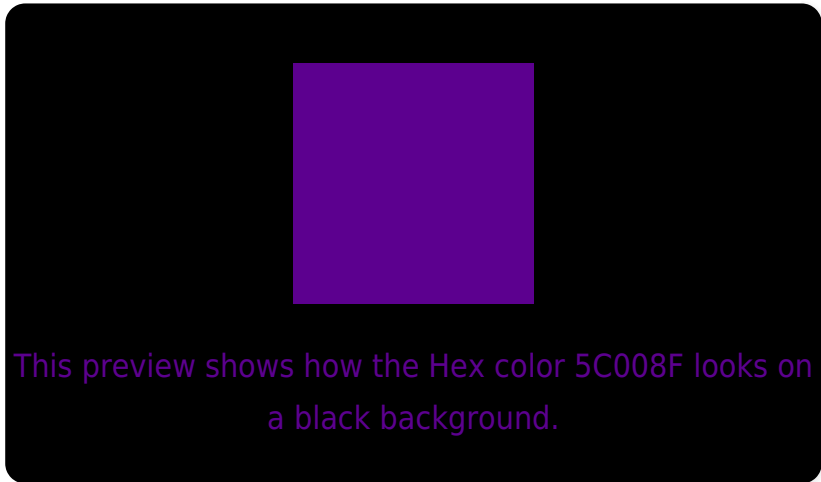
Large Text (above 18pt) WCAG AA ✓ Pass

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

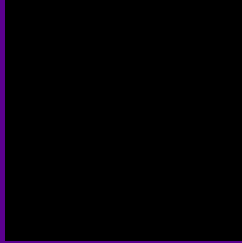
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C008F Background



This preview shows how black text looks on a background with the Hex color 5C008F.



This preview shows how white text looks on a background with the Hex color 5C008F.

# 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](#).

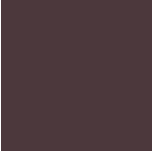
## Dichromacy



**Original Color**  
5C008F

**Protanopia**  
003B7D

**Deuteranopia**  
003F6C



**Tritanopia**  
4C383C

# Trichromacy



**Original Color**  
5C008F

**Protanomaly**  
212684

**Deuteranomaly**  
212879

**Tritanomaly**  
52245A

# Monochromacy



**Original Color**  
5C008F

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
3D1C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C008F 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 #5C008F looks like.

```
.text, #text, p{  
    color:#5C008F  
}
```

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 #5C008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C008F
}
```

## Border

The CSS property to change the border of an element to Hex 5C008F is called "border". The border property can be set on classes, ids or directly on the HTML element.

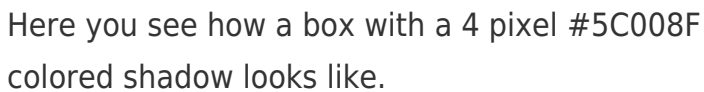
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C008F }
```

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

```
.border{ border-color:#5C008F }
```

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



Here you see how a box with a 4 pixel #5C008F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C008F; -webkit-box-shadow:4px 4px  
4px 4px #5C008F; box-shadow:4px 4px 4px  
4px #5C008F }
```

# Background

The CSS property to change the background color of an element to Hex 5C008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C008F }
```

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

```
.background{ background-color:#5C008F }
```

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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