

# Converting Colors

Hex(5C0694)

Have a look what the booklet for  
Hex(5C0694) contains.

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**Color**

**Hex(5C0694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C0694
RGB	92, 6, 148
RGB Percent	36%, 2%, 58%
CMY	0.6392, 0.9765, 0.4196
CMYK	0.38, 0.96, 0.00, 0.42
HSL	276°, 92%, 30%
HSV	276°, 96%, 58%
XYZ	9.8241, 4.5437, 28.3762
YIQ	47.9020, 5.6740, 62.3940

# Conversions

## Conversions Part 2

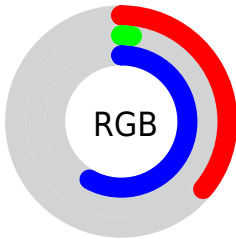
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 6, 148
Decimal	6030996
CIELab	25.39, 56.23, -56.38
CIElCh	25, 79.631, 314.923
Yxy	4.5437, 0.2298, 0.1063
Android (android.graphics.Color)	4284221076 (0xFF5C0694)
YUV	47.9020, 49.3483, 38.6739
Hunter-Lab	21.3159, 44.9641, -64.0070

# Details

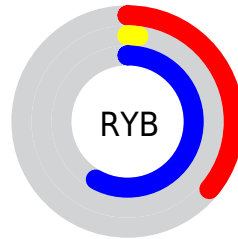
The Hex color **5C0694** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3E9406**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9445CB**, and **220060** is the 20% darker color. If you saturate the color by 10%, you get **5A0094**, and if you desaturate by 10%, it is **621594**.

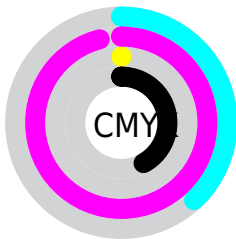
# Distribution



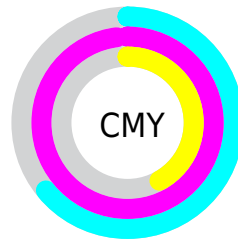
- Red (36%)
- Green (2%)
- Blue (58%)



- Red (36%)
- Yellow (2%)
- Blue (58%)



- Cyan (38%)
- Magenta (96%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (98%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C0694 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 5C0694 by changing the saturation by 10% instead.



■ 5C0694

■ 5C0694

FFFFFF

■ 40007A

■ 9445CB

■ 220060

■ B15FE8

■ 000047

■ CE7AFF

■ 000430

■ EB95FF

■ 00011A

■ FFB1FF

■ 000000

■ FFCDFD

■ FFEAFF

■ 5C0694

■ 5C0694

■ 5A0094

■ 621594

■ 682494

■ 6E3294

■ 734194

■ 795094

■ 7F5F94

■ 856E94

■ 8B7C94

■ 918B94

# Harmonies

## Analogous

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



003CB5



5C0694



92005D

# Triad

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



5C0694



632E00



00515A

# Complementary

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



5C0694



3E9406

# 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.



004F19



5C0694



2E4300

# Square

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



5C0694



890000



004C00



005293

# Rectangle

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



5C0694



9C0036



004C00



005045



# Sweetspot

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



5C0694



A988BF



063F94



543F61



E0E0E0



616161



# Same Dimension

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



5C0694



7400BF



940686



47434A



53008A



06000A



# Inverse Universe

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



94063E



BF004B



069414



4A4345



8A0036

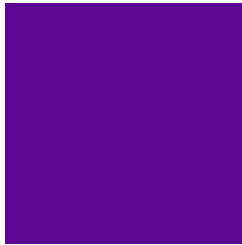


0A0004



# Previews

## White Background



This preview shows how the Hex color 5C0694 looks on a white background.

## Color Contrast Check

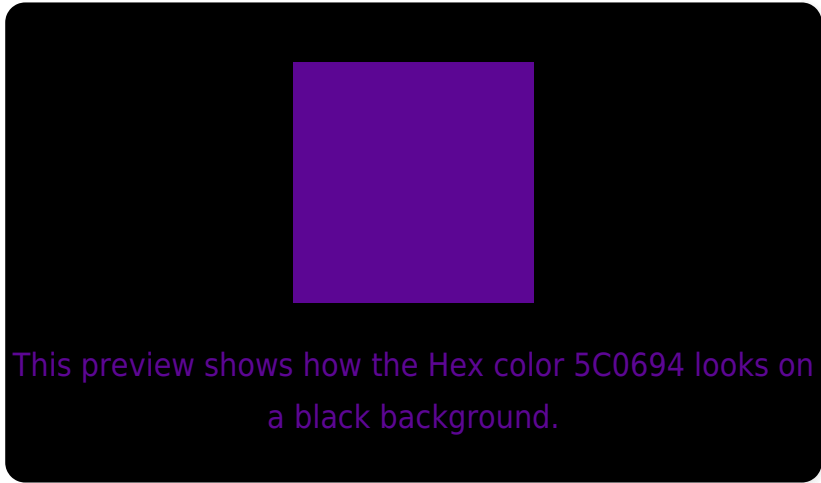
Large Text (above 18pt) WCAG AA ✓ Pass

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

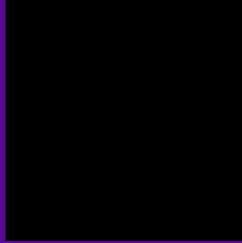
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C0694 Background



This preview shows how black text looks on a background with the Hex color 5C0694.



This preview shows how white text looks on a background with the Hex color 5C0694.

# 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](#).

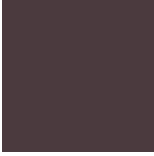
## Dichromacy



**Original Color**  
5C0694

**Protanopia**  
003D7F

**Deuteranopia**  
00406E



**Tritanopia**  
4B3A3E

# Trichromacy



**Original Color**  
5C0694

**Protanomaly**  
212987

**Deuteranomaly**  
212B7C

**Tritanomaly**  
51275D

# Monochromacy



**Original Color**  
5C0694

**Achromatopsia**  
303030

**Achromatomaly**  
402154

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C0694 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 #5C0694 looks like.

```
.text, #text, p{  
    color:#5C0694  
}
```

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 #5C0694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0694
}
```

## Border

The CSS property to change the border of an element to Hex 5C0694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

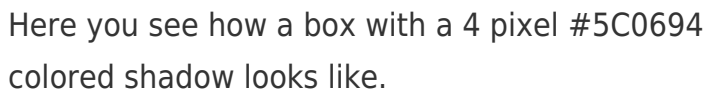
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0694 }
```

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

```
.border{ border-color:#5C0694 }
```

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



Here you see how a box with a 4 pixel #5C0694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0694; -webkit-box-shadow:4px 4px  
4px 4px #5C0694; box-shadow:4px 4px 4px  
4px #5C0694 }
```

# Background

The CSS property to change the background color of an element to Hex 5C0694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0694 }
```

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

```
.background{ background-color:#5C0694 }
```

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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