

Converting Colors

Hex(5C0797)

Have a look what the booklet for
Hex(5C0797) contains.

Hex(5C0797)	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(5C0797)

Conversions

Conversions Part 1

Format	Color
Hex	5C0797
RGB	92, 7, 151
RGB Percent	36%, 3%, 59%
CMY	0.6392, 0.9725, 0.4078
CMYK	0.39, 0.95, 0.00, 0.41
HSL	275°, 91%, 31%
HSV	275°, 95%, 59%
XYZ	10.0755, 4.6616, 29.6469
YIQ	48.8310, 4.4360, 62.8040

Conversions

Conversions Part 2

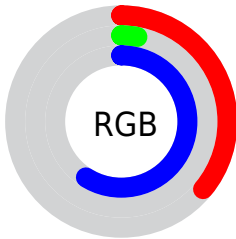
Format	Color
RYB	92, 7, 151
Decimal	6031255
CIELab	25.75, 56.69, -57.65
CIELCh	26, 80.851, 314.517
Yxy	4.6616, 0.2270, 0.1050
Android (android.graphics.Color)	4284221335 (0xFF5C0797)
YUV	48.8310, 50.3693, 37.8592
Hunter-Lab	21.5908, 45.5145, -66.2990

Details

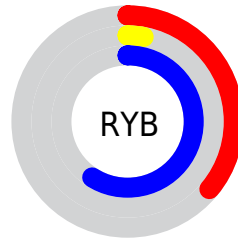
The Hex color **5C0797** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **429707**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9445CE**, and **220063** is the 20% darker color. If you saturate the color by 10%, you get **590097**, and if you desaturate by 10%, it is **621697**.

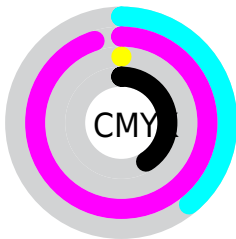
Distribution



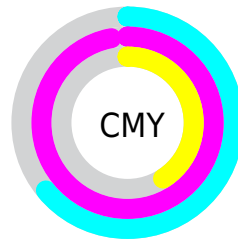
- Red (36%)
- Green (3%)
- Blue (59%)



- Red (36%)
- Yellow (3%)
- Blue (59%)



- Cyan (39%)
- Magenta (95%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (97%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0797 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 5C0797 by changing the saturation by 10% instead.

■ 5C0797

■ 5C0797

FFFFFF

■ 40007C

■ 9445CE

■ 220063

■ B160EB

■ 00004A

■ CE7BFF

■ 000432

■ EC96FF

■ 00021C

■ FF2FF

■ 000000

■ FFCEFF

■ FFEBFF

■ 5C0797

■ 5C0797

■ 590097

■ 621697

■ 682597

■ 6F3497

■ 754397

■ 7B5397

■ 816297

■ 877197

■ 8D8097

■ 948F97

Harmonies

Analogous

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



003EB8



5C0797



94005F

Triad

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



5C0797



652E00



00525B

Complementary

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



5C0797



429707

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.



005018



5C0797



2F4400

Square

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



5C0797



8B0000



004D00



005394

Rectangle

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



5C0797



9F0037



004D00



005145

Sweetspot

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



5C0797



AD8BC4



074397



554163



E3E3E3



636363

Same Dimension

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



5C0797



7400C4



97078B



49454D



53008C



08000D

Inverse Universe

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



970742



C40050



079713



4D4548



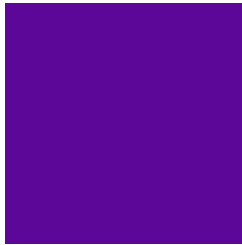
8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 5C0797 looks on a white background.

Color Contrast Check

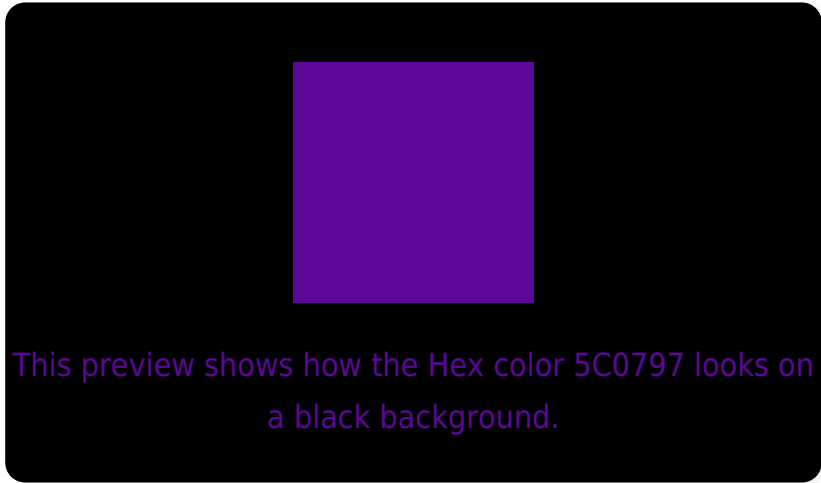
Large Text (above 18pt) WCAG AA ✓ Pass

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

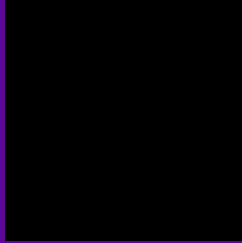
Any Text WCAG AA × Fail

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 5C0797 Background



This preview shows how black text looks on a background with the Hex color 5C0797.

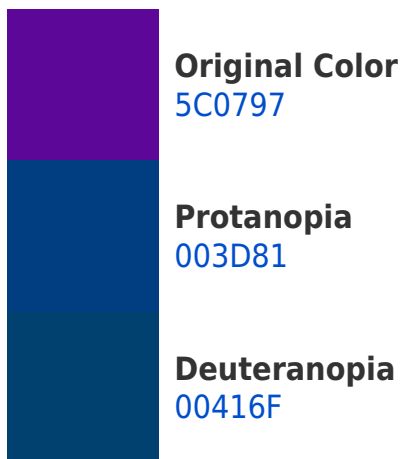


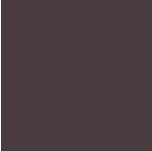
This preview shows how white text looks on a background with the Hex color 5C0797.

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





Tritanopia
4A3B40

Trichromacy



Original Color
5C0797

Protanomaly
212989

Deuteranomaly
212C7E

Tritanomaly
512860

Monochromacy



Original Color
5C0797

Achromatopsia
313131

Achromatomaly
412256

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0797 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 #5C0797 looks like.

```
.text, #text, p{  
    color:#5C0797  
}
```

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 #5C0797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0797
}
```

Border

The CSS property to change the border of an element to Hex 5C0797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

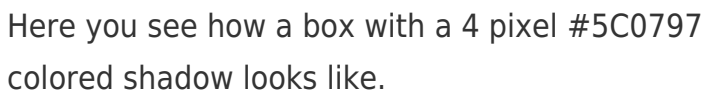
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0797 }
```

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

```
.border{ border-color:#5C0797 }
```

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



Here you see how a box with a 4 pixel #5C0797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0797; -webkit-box-shadow:4px 4px  
4px 4px #5C0797; box-shadow:4px 4px 4px  
4px #5C0797 }
```

Background

The CSS property to change the background color of an element to Hex 5C0797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0797 }
```

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

```
.background{ background-color:#5C0797 }
```

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