

Converting Colors

Hex(5C0088)

Have a look what the booklet for
Hex(5C0088) contains.

Hex(5C0088)	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(5C0088)

Conversions

Conversions Part 1

Format	Color
Hex	5C0088
RGB	92, 0, 136
RGB Percent	36%, 0%, 53%
CMY	0.6392, 1.0000, 0.4667
CMYK	0.32, 1.00, 0.00, 0.47
HSL	281°, 100%, 27%
HSV	281°, 100%, 53%
XYZ	8.8576, 4.0529, 23.6080
YIQ	43.0120, 11.1760, 61.8000

Conversions

Conversions Part 2

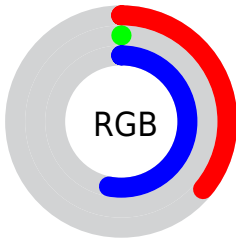
Format	Color
RYB	92, 0, 136
Decimal	6029448
CIELab	23.85, 54.94, -51.45
CIELCh	24, 75.271, 316.878
Yxy	4.0529, 0.2426, 0.1110
Android (android.graphics.Color)	4284219528 (0xFF5C0088)
YUV	43.0120, 45.8431, 42.9625
Hunter-Lab	20.1318, 43.3057, -55.4355

Details

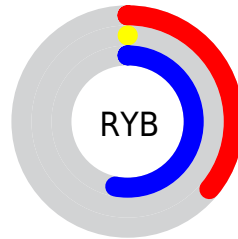
The Hex color **5C0088** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2C8800**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9341BE**, and **260055** is the 20% darker color. If you saturate the color by 10%, you get **5C0088**, and if you desaturate by 10%, it is **600E88**.

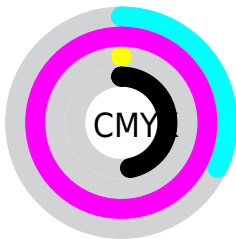
Distribution



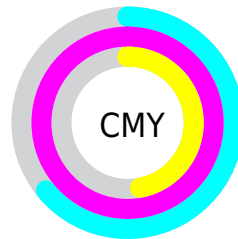
- Red (36%)
- Green (0%)
- Blue (53%)



- Red (36%)
- Yellow (0%)
- Blue (53%)



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



- Cyan (64%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0088 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 5C0088 by changing the saturation by 10% instead.

■ 5C0088

■ 5C0088

FFFFFF

■ 41006E

■ 9341BE

■ 260055

■ B05BDB

■ 02003D

■ CC76F7

■ 000226

■ EA91FF

■ 00010F

■ FFADFF

■ 000000

■ FFC9FF

■ FFE6FF

■ 5C0088

 600E88

 651B88

 692988

 6E3688

 724488

 765288

 7B5F88

 7F6D88

 847A88

Harmonies

Analogous

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



0037A9



5C0088



8B0054

Triad

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



5C0088



5B2D00



004C59

Complementary

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



5C0088



2C8800

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.



004B1C



5C0088



274000

Square

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



5C0088



7F0000



004800



004D8D

Rectangle

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



5C0088



93002F



004800



004C45

Sweetspot

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



5C0088



9F7BB0



002D88



4F3959



D9D9D9



595959

Same Dimension

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



5C0088



7700B0



880071



433E45



5A0085



030005

Inverse Universe

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



88002C



B00039



008817



453E40



85002B



050002

Previews

White Background



This preview shows how the Hex color 5C0088 looks on a white background.

Color Contrast Check

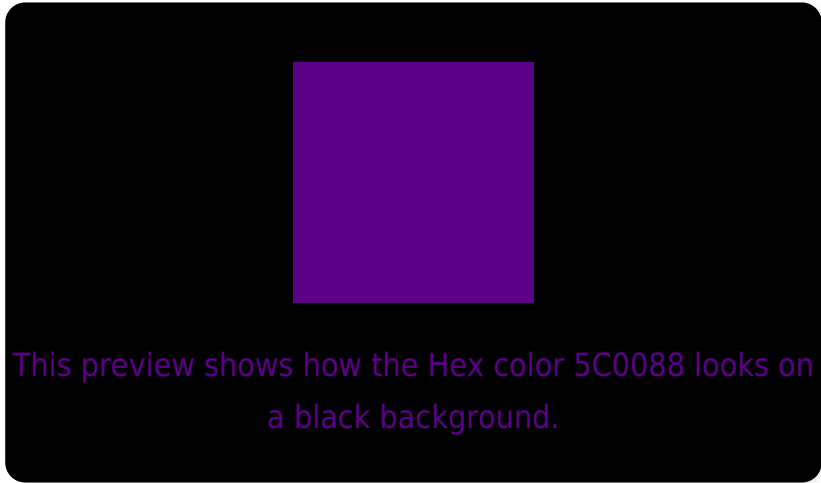
Large Text (above 18pt) WCAG AA ✓ Pass

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

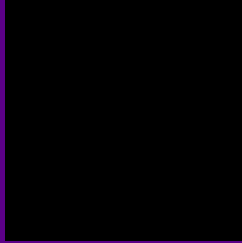
Any Text WCAG AA × Fail

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 5C0088 Background



This preview shows how black text looks on a background with the Hex color 5C0088.



This preview shows how white text looks on a background with the Hex color 5C0088.

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
5C0088

Protanopia
003A7A

Deuteranopia
003E6A



Tritanopia
4E3539

Trichromacy



Original Color
5C0088

Protanomaly
21257F

Deuteranomaly
212775

Tritanomaly
532256

Monochromacy



Original Color
5C0088

Achromatopsia
2B2B2B

Achromatomaly
3D1B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0088 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 #5C0088 looks like.

```
.text, #text, p{  
    color:#5C0088  
}
```

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 #5C0088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0088
}
```

Border

The CSS property to change the border of an element to Hex 5C0088 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
#5C0088 }
```

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

```
.border{ border-color:#5C0088 }
```

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

Here you see how a box with a 4 pixel #5C0088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0088; -webkit-box-shadow:4px 4px  
4px 4px #5C0088; box-shadow:4px 4px 4px  
4px #5C0088 }
```

Background

The CSS property to change the background color of an element to Hex 5C0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0088 }
```

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

```
.background{ background-color:#5C0088 }
```

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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