

Converting Colors

Hex(5C0050)

Have a look what the booklet for
Hex(5C0050) contains.

Hex(5C0050)	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(5C0050)

Conversions

Conversions Part 1

Format	Color
Hex	5C0050
RGB	92, 0, 80
RGB Percent	36%, 0%, 31%
CMY	0.6392, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.13, 0.64
HSL	308°, 100%, 18%
HSV	308°, 100%, 36%
XYZ	5.8616, 2.8545, 7.8314
YIQ	36.6280, 29.1520, 44.3840

Conversions

Conversions Part 2

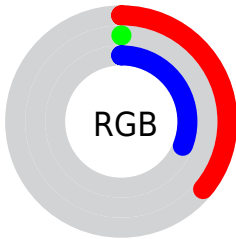
Format	Color
R_{YB}	92, 0, 80
Decimal	6029392
CIE _{Lab}	19.45, 44.74, -22.05
CIE _{LCh}	19, 49.875, 333.760
Yxy	2.8545, 0.3542, 0.1725
Android (android.graphics.Color)	4284219472 (0xFF5C0050)
YUV	36.6280, 21.3824, 48.5612
Hunter-Lab	16.8953, 32.3616, -15.6560

Details

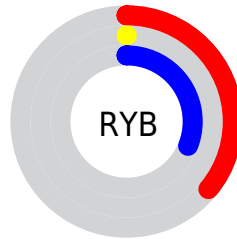
The Hex color **5C0050** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005C0C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **913C82**, and **2D0023** is the 20% darker color. If you saturate the color by 10%, you get **5C0050**, and if you desaturate by 10%, it is **5C0951**.

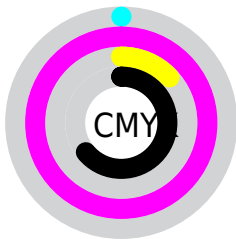
Distribution



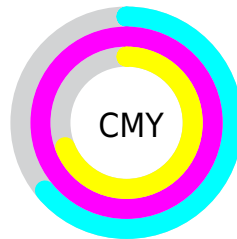
- Red (36%)
- Green (0%)
- Blue (31%)



- Red (36%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0050 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 5C0050 by changing the saturation by 10% instead.

 5C0050

 5C0050

 FFFCFF

 420039

 913C82

 2D0023

 AD569C

 000009

 C970B7

 000000

 E68BD2

 FFA6EF

 FFC2FF

 FFDFFF

 5C0050

■ 5C0951

■ 5C1252

■ 5C1C54

■ 5C2555

■ 5C2E56

■ 5C3757

■ 5C4058

■ 5C4A5A

■ 5C535B

Harmonies

Analogous

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



2E226D



5C0050



6B002C

Triad

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



5C0050



372F00



003D57

Complementary

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



5C0050



005C0C

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.



003D33



5C0050



0E3800

Square

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



5C0050



542000



003C0B



003B71

Rectangle

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



5C0050



6A0015



003C0B



003E4C

Sweetspot

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



5C0050



785473



0B005C



3D273A



BDBDBD



3D3D3D

Same Dimension

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



5C0050



780068



5C0023



2E292D



6E005F



ED00CE

Inverse Universe

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



5C0050



780068



005C39



2E292D



6E005F



ED00CE

Previews

White Background



This preview shows how the Hex color 5C0050 looks on a white background.

Color Contrast Check

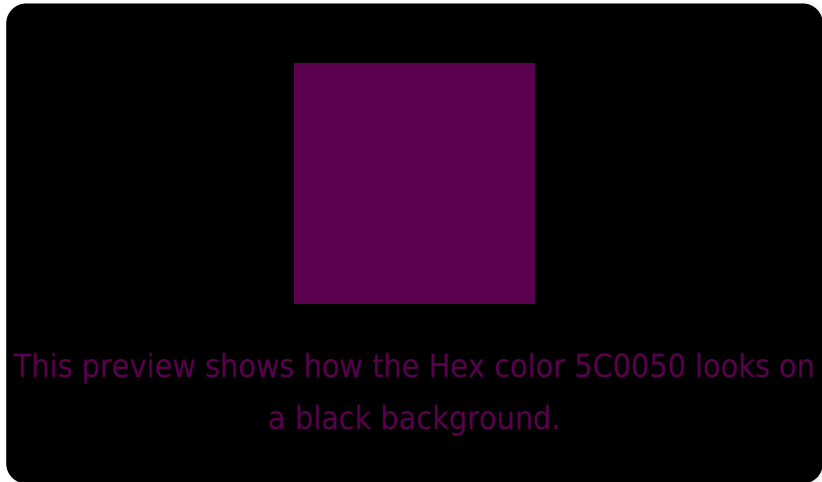
Large Text (above 18pt) WCAG AA ✓ Pass

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

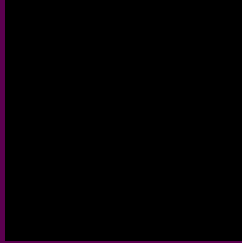
Any Text WCAG AA × Fail

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 5C0050 Background



This preview shows how black text looks on a background with the Hex color 5C0050.

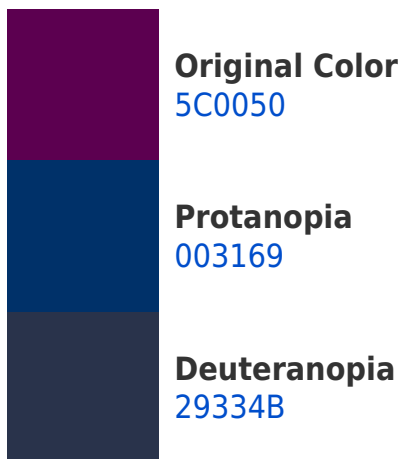


This preview shows how white text looks on a background with the Hex color 5C0050.

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
581F21

Trichromacy



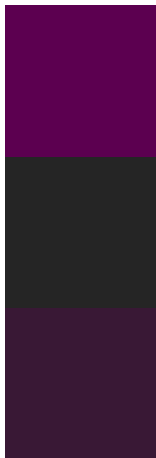
Original Color
5C0050

Protanomaly
211F60

Deuteranomaly
3C204D

Tritanomaly
591432

Monochromacy



Original Color
5C0050

Achromatopsia
252525

Achromatomaly
391835

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0050 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 #5C0050 looks like.

```
.text, #text, p{  
    color:#5C0050  
}
```

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 #5C0050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0050
}
```

Border

The CSS property to change the border of an element to Hex 5C0050 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".

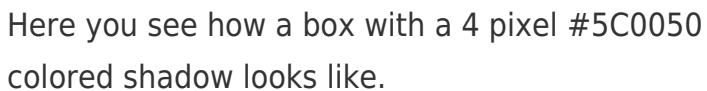
```
.border, #border, table{ border:4px solid
#5C0050 }
```

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

```
.border{ border-color:#5C0050 }
```

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

Here you see how a box with a 4 pixel #5C0050 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0050; -webkit-box-shadow:4px 4px  
4px 4px #5C0050; box-shadow:4px 4px 4px  
4px #5C0050 }
```

Background

The CSS property to change the background color of an element to Hex 5C0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0050 }
```

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

```
.background{ background-color:#5C0050 }
```

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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