

# Converting Colors

Hex(5C0038)

Have a look what the booklet for  
Hex(5C0038) contains.

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**Color**

**Hex(5C0038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C0038
RGB	92, 0, 56
RGB Percent	36%, 0%, 22%
CMY	0.6392, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.39, 0.64
HSL	323°, 100%, 18%
HSV	323°, 100%, 36%
XYZ	5.1274, 2.5608, 3.9654
YIQ	33.8920, 36.8560, 36.9200

# Conversions

## Conversions Part 2

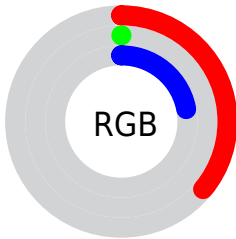
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 0, 56
Decimal	6029368
CIE <sub>Lab</sub>	18.19, 41.55, -7.34
CIE <sub>LCh</sub>	18, 42.192, 349.977
Yxy	2.5608, 0.4400, 0.2197
Android (android.graphics.Color)	4284219448 (0xFF5C0038)
YUV	33.8920, 10.8992, 50.9607
Hunter-Lab	16.0026, 29.1891, -3.4902

# Details

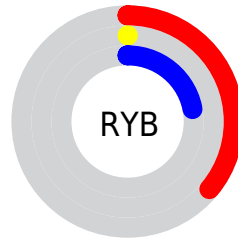
The Hex color **5C0038** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005C24**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **923B67**, and **2C000C** is the 20% darker color. If you saturate the color by 10%, you get **5C0038**, and if you desaturate by 10%, it is **5C093C**.

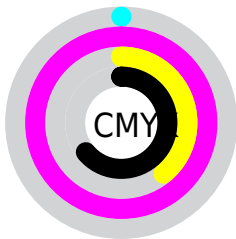
# Distribution



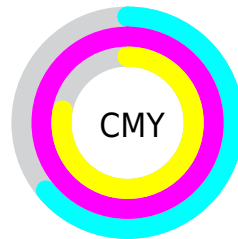
- Red (36%)
- Green (0%)
- Blue (22%)



- Red (36%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C0038 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 5C0038 by changing the saturation by 10% instead.



 5C0038

 5C0038

 FFF9FF

 420023

 923B67

 2C000C

 AE5480

 000000

 CA6E9A

 E789B5

 FFA4D0

 FFC0EC

 FFDCCF

 5C0038

 5C093C

 5C123F

 5C1C43

 5C2546

 5C2E4A

 5C374E

 5C4051

 5C4A55

 5C5358

# Harmonies

## Analogous

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



451854



5C0038



60011A

# Triad

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



5C0038



253100



00385B

# Complementary

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



5C0038



005C24

# 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.



003941



5C0038



003600

# Square

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



5C0038



402700



003821



003369

# Rectangle

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



5C0038



5A1101



003821



003953



# Sweetspot

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



5C0038



78546A



23005C



3D2735



BDBDBD



3D3D3D



# Same Dimension

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



5C0038



780049



5C000B



2E292C



6E0043



ED0090



# Inverse Universe

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



5C0038



780049



005C51



2E292C



6E0043

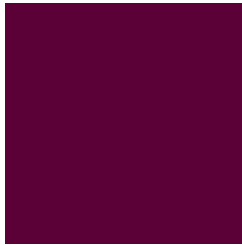


ED0090



# Previews

## White Background



This preview shows how the Hex color 5C0038 looks on a white background.

## Color Contrast Check

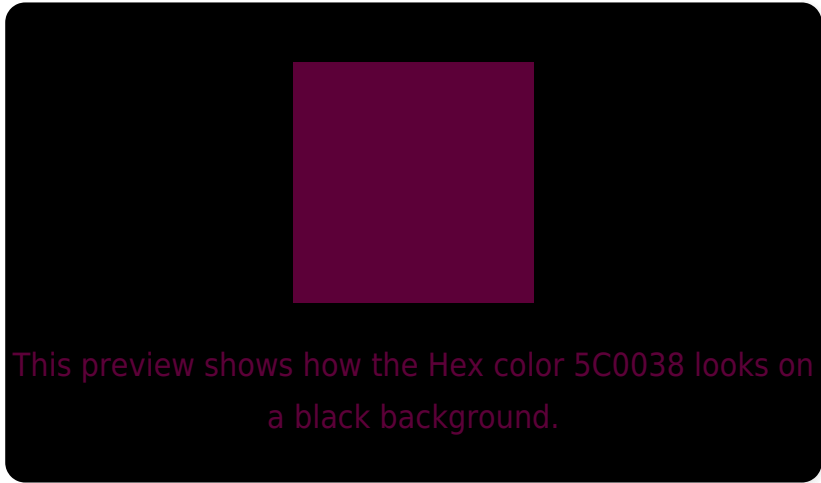
Large Text (above 18pt) WCAG AA ✓ Pass

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

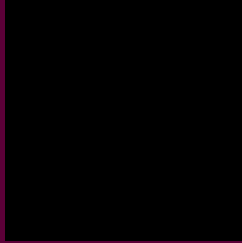
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C0038 Background



This preview shows how black text looks on a background with the Hex color 5C0038.



This preview shows how white text looks on a background with the Hex color 5C0038.

# 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**  
5C0038

**Protanopia**  
233050

**Deuteranopia**  
342F34



**Tritanopia**  
5A1617

# Trichromacy



**Original Color**  
5C0038

**Protanomaly**  
381F47

**Deuteranomaly**  
431E35

**Tritanomaly**  
5B0E23

# Monochromacy



**Original Color**  
5C0038

**Achromatopsia**  
222222

**Achromatomaly**  
37162A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C0038 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 #5C0038 looks like.

```
.text, #text, p{  
    color:#5C0038  
}
```

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 #5C0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0038
}
```

## Border

The CSS property to change the border of an element to Hex 5C0038 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
#5C0038 }
```

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

```
.border{ border-color:#5C0038 }
```

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

Here you see how a box with a 4 pixel #5C0038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0038; -webkit-box-shadow:4px 4px  
4px 4px #5C0038; box-shadow:4px 4px 4px  
4px #5C0038 }
```

# Background

The CSS property to change the background color of an element to Hex 5C0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0038 }
```

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

```
.background{ background-color:#5C0038 }
```

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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