

Converting Colors

Hex(5C0008)

Have a look what the booklet for
Hex(5C0008) contains.

Hex(5C0008)	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>	28

Color

Hex(5C0008)

Conversions

Conversions Part 1

Format	Color
Hex	5C0008
RGB	92, 0, 8
RGB Percent	36%, 0%, 3%
CMY	0.6392, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.91, 0.64
HSL	355°, 100%, 18%
HSV	355°, 100%, 36%
XYZ	4.4575, 2.2928, 0.4374
YIQ	28.4200, 52.2640, 21.9920

Conversions

Conversions Part 2

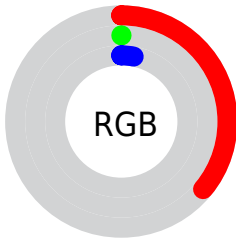
Format	Color
R _Y B	92, 0, 8
Decimal	6029320
CIE Lab	16.95, 38.26, 22.98
CIE LCh	17, 44.633, 30.983
Yxy	2.2928, 0.6202, 0.3190
Android (android.graphics.Color)	4284219400 (0xFF5C0008)
YUV	28.4200, -10.0671, 55.7597
Hunter-Lab	15.1421, 26.0471, 8.8870

Details

The Hex color **5C0008** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005C54**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **953934**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5C0008**, and if you desaturate by 10%, it is **5C0910**.

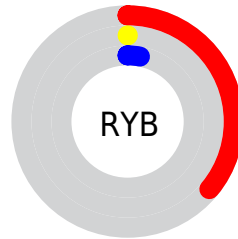
Distribution



Red (36%)

Green (0%)

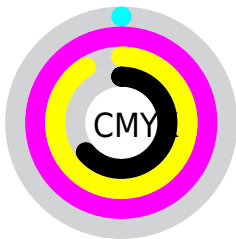
Blue (3%)



Red (36%)

Yellow (0%)

Blue (3%)

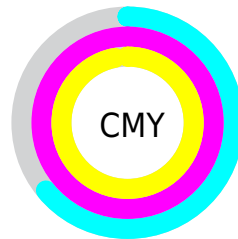


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (64%)



Cyan (64%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0008 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 5C0008 by changing the saturation by 10% instead.

 5C0008

 5C0008

 FFF6E8

 400000

 953934

 270001

 B2524B

 000000

 CF6C63

 ED867C

 FFA196

 FFBDB0

 FFD9CC

 5C0008

■ 5C0910

■ 5C1219

■ 5C1C21

■ 5C252A

■ 5C2E32

■ 5C373A

■ 5C4043

■ 5C4A4B

■ 5C5354

Harmonies

Analogous

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



5E002A



5C0008



4C1B00

Triad

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



5C0008



003505



002E6B

Complementary

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



5C0008



005C54

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.



003562



5C0008



00362A

Square

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



5C0008



133100



00374A



232062

Rectangle

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



5C0008



3D2500



00374A



00316A

Sweetspot

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



5C0008



785457



53005C



3D2729



BDBDBD



3D3D3D

Same Dimension

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



5C0008



78000A



5C2500



2E292A



6E000A



ED0015

Inverse Universe

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



5C0008



78000A



00375C



2E292A



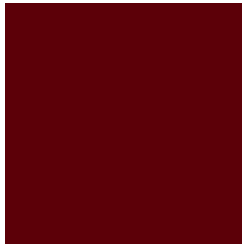
6E000A



ED0015

Previews

White Background



This preview shows how the Hex color 5C0008 looks on a white background.

Color Contrast Check

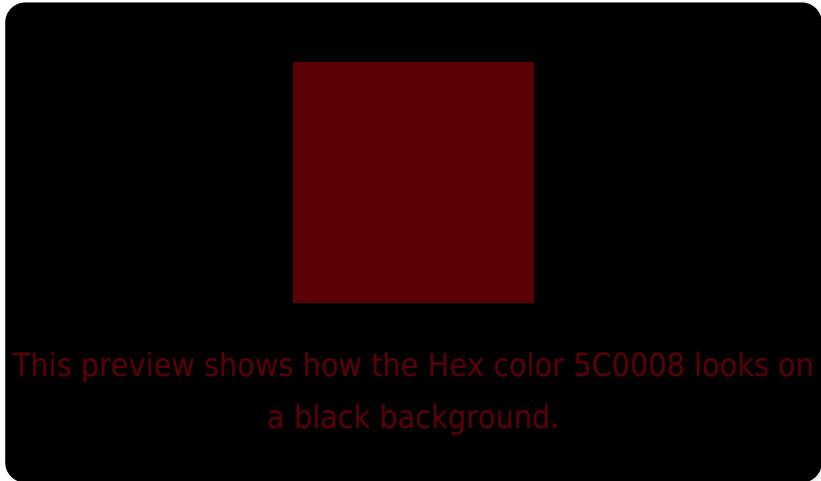
Large Text (above 18pt) WCAG AA ✓ Pass

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

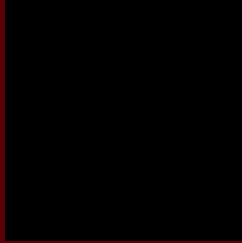
Any Text WCAG AA × Fail

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 5C0008 Background



This preview shows how black text looks on a background with the Hex color 5C0008.



This preview shows how white text looks on a background with the Hex color 5C0008.

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
5C0008

Protanopia
342F10

Deuteranopia
3B2C00

Trichromacy

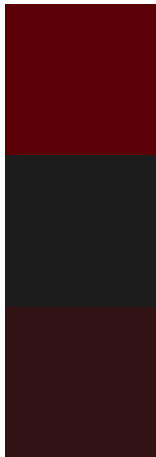


Original Color
5C0008

Protanomaly
431E0D

Deuteranomaly
471C03

Monochromacy



Original Color
5C0008

Achromatopsia
1C1C1C

Achromatomaly
331215

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0008 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 #5C0008 looks like.

```
.text, #text, p{  
    color:#5C0008  
}
```

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 #5C0008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0008  
}
```

Border

The CSS property to change the border of an element to Hex 5C0008 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".

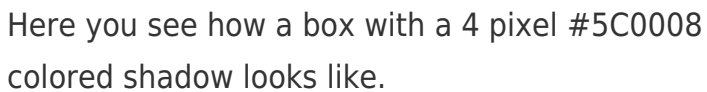
```
.border, #border, table{ border:4px solid  
#5C0008 }
```

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

```
.border{ border-color:#5C0008 }
```

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

Here you see how a box with a 4 pixel #5C0008 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0008; -webkit-box-shadow:4px 4px  
4px 4px #5C0008; box-shadow:4px 4px 4px  
4px #5C0008 }
```

Background

The CSS property to change the background color of an element to Hex 5C0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0008 }
```

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

```
.background{ background-color:#5C0008 }
```

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