

Converting Colors

Hex(5C0012)

Have a look what the booklet for
Hex(5C0012) contains.

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Color

Hex(5C0012)

Conversions

Conversions Part 1

Format	Color
Hex	5C0012
RGB	92, 0, 18
RGB Percent	36%, 0%, 7%
CMY	0.6392, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.80, 0.64
HSL	348°, 100%, 18%
HSV	348°, 100%, 36%
XYZ	4.5228, 2.3190, 0.7815
YIQ	29.5600, 49.0540, 25.1020

Conversions

Conversions Part 2

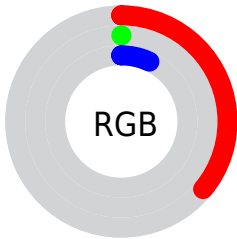
Format	Color
RYB	92, 0, 18
Decimal	6029330
CIELab	17.08, 38.60, 18.27
CIELCh	17, 42.708, 25.326
Yxy	2.3190, 0.5933, 0.3042
Android (android.graphics.Color)	4284219410 (0xFF5C0012)
YUV	29.5600, -5.6991, 54.7599
Hunter-Lab	15.2282, 26.3656, 7.6170

Details

The Hex color **5C0012** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005C4A**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **94393C**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5C0012**, and if you desaturate by 10%, it is **5C0919**.

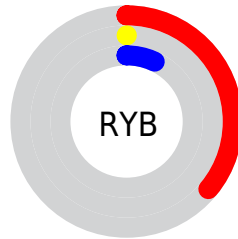
Distribution



Red (36%)

Green (0%)

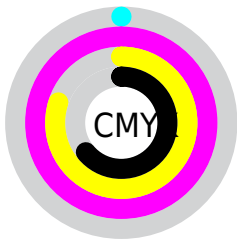
Blue (7%)



Red (36%)

Yellow (0%)

Blue (7%)

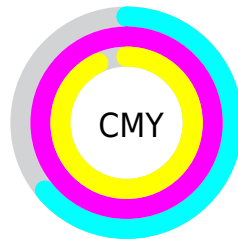


Cyan (0%)

Magenta (100%)

Yellow (80%)

Black (64%)



Cyan (64%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0012 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 5C0012 by changing the saturation by 10% instead.

 5C0012

 5C0012

 FFF6F1

 410000

 94393C

 270001

 B15253

 000000

 CE6C6B

 EC8684

 FFA19F

 FFBDB9

 FFD9D5

 5C0012

■ 5C0919

■ 5C1221

■ 5C1C28

■ 5C2530

■ 5C2E37

■ 5C373E

■ 5C4046

■ 5C4A4D

■ 5C5355

Harmonies

Analogous

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



5B0030



5C0012



4F1800

Triad

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



5C0012



003400



003068

Complementary

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



5C0012



005C4A

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.



00355D



5C0012



003624

Square

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



5C0012



1C3000



003744



152462

Rectangle

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



5C0012



412300



003744



003266

Sweetspot

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



5C0012



78545B



4A005C



3D272B



BDBDBD



3D3D3D

Same Dimension

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



5C0012



780017



5C1C00



2E292A



6E0015



ED002E

Inverse Universe

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



5C0012



780017



00405C



2E292A



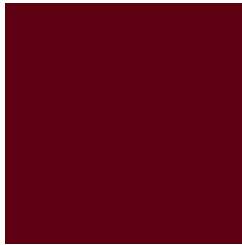
6E0015



ED002E

Previews

White Background



This preview shows how the Hex color 5C0012 looks on a white background.

Color Contrast Check

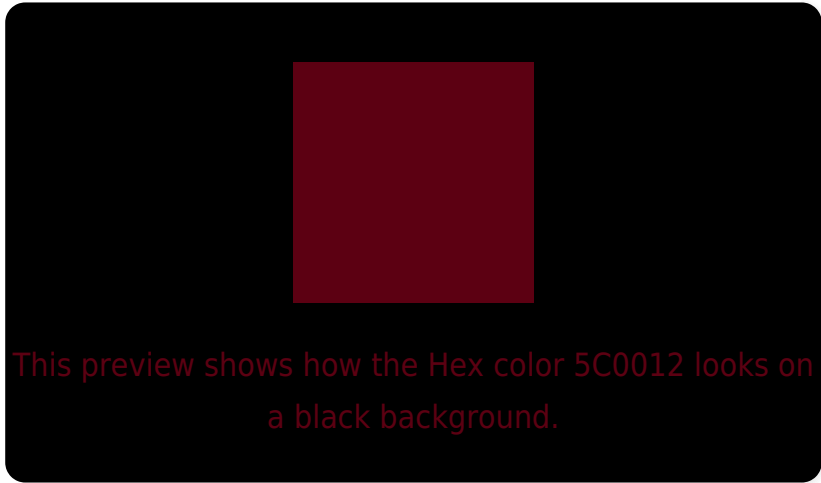
Large Text (above 18pt) WCAG AA ✓ Pass

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

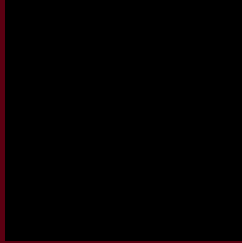
Any Text WCAG AA × Fail

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 5C0012 Background



This preview shows how black text looks on a background with the Hex color 5C0012.



This preview shows how white text looks on a background with the Hex color 5C0012.

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
5C0012

Protanopia
332F1C

Deuteranopia
3B2C0B



Tritanopia
5C0800

Trichromacy



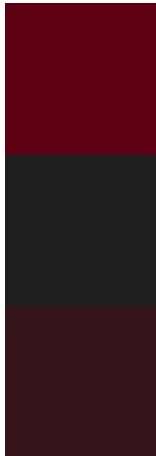
Original Color
5C0012

Protanomaly
421E18

Deuteranomaly
471C0E

Tritanomaly
5C0507

Monochromacy



Original Color
5C0012

Achromatopsia
1E1E1E

Achromatomaly
35131A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0012 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 #5C0012 looks like.

```
.text, #text, p{  
    color:#5C0012  
}
```

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 #5C0012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0012
}
```

Border

The CSS property to change the border of an element to Hex 5C0012 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".

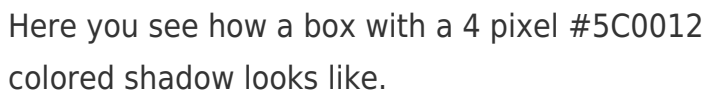
```
.border, #border, table{ border:4px solid
#5C0012 }
```

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

```
.border{ border-color:#5C0012 }
```

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

Here you see how a box with a 4 pixel #5C0012 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5C0012 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0012; -webkit-box-shadow:4px 4px  
4px 4px #5C0012; box-shadow:4px 4px 4px  
4px #5C0012 }
```

Background

The CSS property to change the background color of an element to Hex 5C0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0012 }
```

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

```
.background{ background-color:#5C0012 }
```

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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