

Converting Colors

Hex(5F0000)

Have a look what the booklet for
Hex(5F0000) contains.

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Color

Hex(5F0000)

Conversions

Conversions Part 1

Format	Color
Hex	5F0000
RGB	95, 0, 0
RGB Percent	37%, 0%, 0%
CMY	0.6275, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.63
HSL	0°, 100%, 19%
HSV	0°, 100%, 37%
XYZ	4.7193, 2.4329, 0.2209
YIQ	28.4050, 56.6200, 20.1400

Conversions

Conversions Part 2

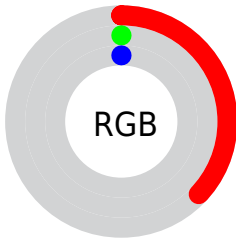
Format	Color
R_{YB}	95, 0, 0
Decimal	6225920
CIE _{Lab}	17.61, 38.89, 27.21
CIE _{LCh}	18, 47.465, 34.974
Yxy	2.4329, 0.6401, 0.3300
Android (android.graphics.Color)	4284416000 (0xFF5F0000)
YUV	28.4050, -14.0037, 58.4038
Hunter-Lab	15.5977, 26.7116, 10.0789

Details

The Hex color **5F0000** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005F5F**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **983A2F**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5F0000**, and if you desaturate by 10%, it is **5F0909**.

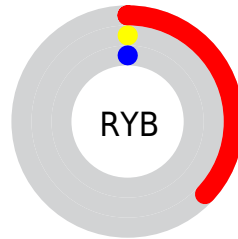
Distribution



Red (37%)

Green (0%)

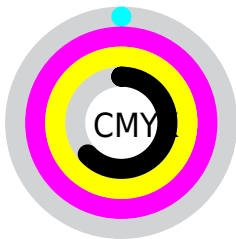
Blue (0%)



Red (37%)

Yellow (0%)

Blue (0%)

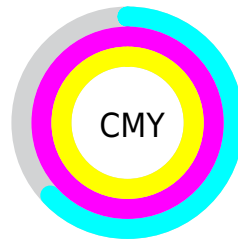


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F0000 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 5F0000 by changing the saturation by 10% instead.

 5F0000

 5F0000

 FFF7E2

 430000

 983A2F

 290001

 B55345

 000000

 D36D5D

 F28776

 FFA290

 FFBEAA

 FFDAC5

 5F0000

■ 5F0909

■ 5F1313

■ 5F1D1D

■ 5F2626

■ 5F3030

■ 5F3939

■ 5F4343

■ 5F4C4C

■ 5F5656

Harmonies

Analogous

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



640027



5F0000



4C1D00

Triad

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



5F0000



00370A



002E71

Complementary

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



5F0000



005F5F

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.



00366A



5F0000



003830

Square

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



5F0000



093300



003952



2D1E64

Rectangle

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



5F0000



3B2800



003952



003271

Sweetspot

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



5F0000



7A5656



5F005F



3D2727



BDBDBD



3D3D3D

Same Dimension

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



5F0000



7A0000



5F3000



302C2C



700000



F00000

Inverse Universe

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



005F5F



007A7A



00305F



2C3030



007070



00F0F0

Previews

White Background



This preview shows how the Hex color 5F0000 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

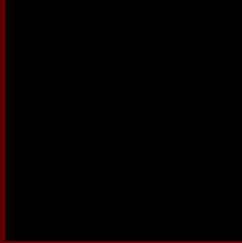
Any Text WCAG AA × Fail

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 5F0000 Background



This preview shows how black text looks on a background with the Hex color 5F0000.



This preview shows how white text looks on a background with the Hex color 5F0000.

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
5F0000

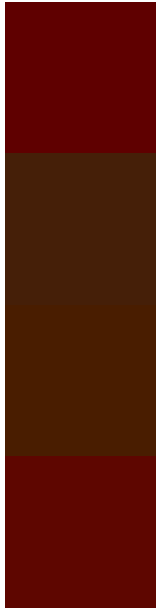
Protanopia
36300C

Deuteranopia
3C2E00



Tritanopia
5E0900

Trichromacy



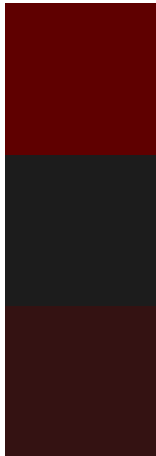
Original Color
5F0000

Protanomaly
451F08

Deuteranomaly
491D00

Tritanomaly
5E0600

Monochromacy



Original Color
5F0000

Achromatopsia
1C1C1C

Achromatomaly
341212

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F0000 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 #5F0000 looks like.

```
.text, #text, p{  
    color:#5F0000  
}
```

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 #5F0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0000
}
```

Border

The CSS property to change the border of an element to Hex 5F0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

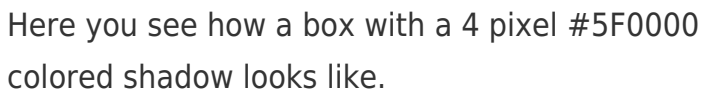
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F0000 }
```

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

```
.border{ border-color:#5F0000 }
```

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



Here you see how a box with a 4 pixel #5F0000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0000; -webkit-box-shadow:4px 4px  
4px 4px #5F0000; box-shadow:4px 4px 4px  
4px #5F0000 }
```

Background

The CSS property to change the background color of an element to Hex 5F0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0000 }
```

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

```
.background{ background-color:#5F0000 }
```

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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