

# Converting Colors

Hex(58040F)

Have a look what the booklet for  
Hex(58040F) contains.

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# Color

**Hex(58040F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58040F
RGB	88, 4, 15
RGB Percent	35%, 2%, 6%
CMY	0.6549, 0.9843, 0.9412
CMYK	0.00, 0.95, 0.83, 0.65
HSL	352°, 91%, 18%
HSV	352°, 95%, 35%
XYZ	4.1541, 2.1960, 0.6569
YIQ	30.3700, 46.5330, 21.2290

# Conversions

## Conversions Part 2

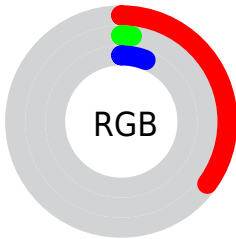
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">88, 4, 15</a>
Decimal	<a href="#">5768207</a>
CIELab	<a href="#">16.48, 36.11, 19.03</a>
CIElCh	<a href="#">16, 40.812, 27.786</a>
Yxy	<a href="#">2.1960, 0.5929, 0.3134</a>
Android (android.graphics.Color)	<a href="#">4283958287 (0xFF58040F)</a>
YUV	<a href="#">30.3700, -7.5774, 50.5415</a>
Hunter-Lab	<a href="#">14.8190, 24.1048, 7.7452</a>

# Details

The Hex color **58040F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **04584D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **903A39**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **58000C**, and if you desaturate by 10%, it is **580D17**.

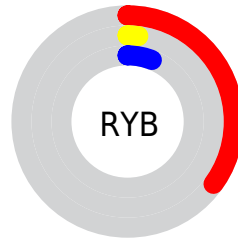
# Distribution



Red (35%)

Green (2%)

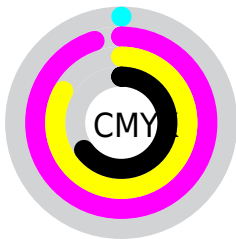
Blue (6%)



Red (35%)

Yellow (2%)

Blue (6%)

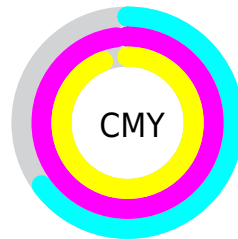


Cyan (0%)

Magenta (95%)

Yellow (83%)

Black (65%)



Cyan (65%)

Magenta (98%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58040F 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 58040F by changing the saturation by 10% instead.



 58040F

 58040F

 FFF7EE

 3D0000

 903A39

 230001

 AC5350

 000000

 CA6D68

 E78781

 FFA29B

 FFBDB6

 FFDAD2

 58040F

 58040F

■ 58000C

■ 580D17

■ 58161E

■ 581E26

■ 58272E

■ 583035

■ 58393D

■ 584245

■ 584A4C

■ 585354

# Harmonies

## Analogous

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



59002C



58040F



4B1900

# Triad

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



58040F



003303



002D64

# Complementary

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



58040F



04584D

# 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.



00335A



58040F



003426

# Square

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



58040F



192F00



003543



1D225D

# Rectangle

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



58040F



3D2300



003543



003062



# Sweetspot

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



58040F



735156



4D0458



3B2629



BABABA



3B3B3B



# Same Dimension

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



58040F



73000F



582304



2B2728



6B000E



EB001F



# Inverse Universe

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



58040F



73000F



043958



2B2728



6B000E

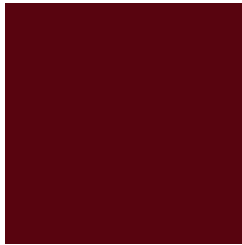


EB001F



# Previews

## White Background



This preview shows how the Hex color 58040F looks on a white background.

## Color Contrast Check

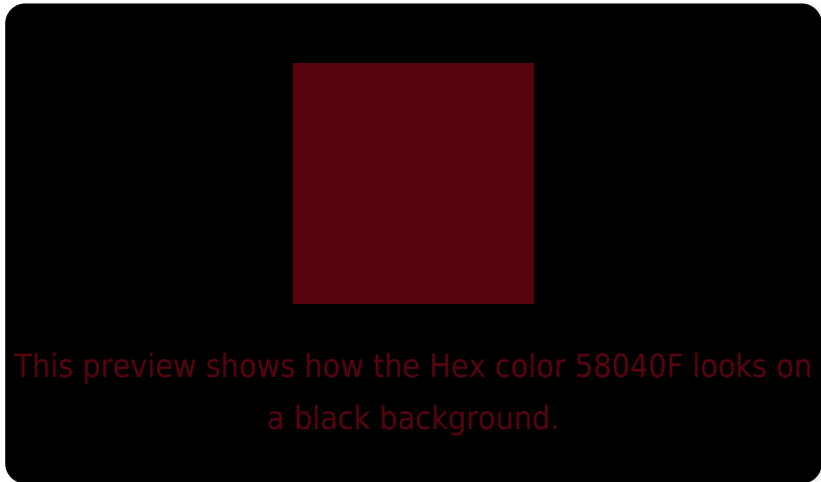
Large Text (above 18pt) WCAG AA ✓ Pass

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

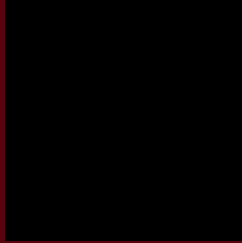
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58040F Background



This preview shows how black text looks on a background with the Hex color 58040F.

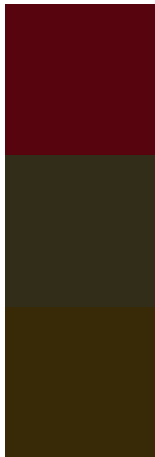


This preview shows how white text looks on a background with the Hex color 58040F.

# 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**  
58040F

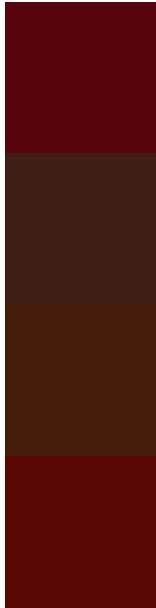
**Protanopia**  
312D18

**Deuteranopia**  
382A06



**Tritanopia**  
580800

# Trichromacy



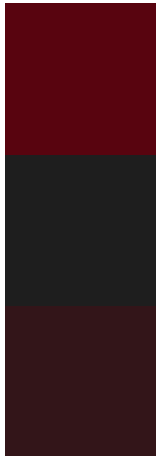
**Original Color**  
58040F

**Protanomaly**  
3F1E15

**Deuteranomaly**  
441C09

**Tritanomaly**  
580705

# Monochromacy



**Original Color**  
58040F

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
331519

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58040F 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 #58040F looks like.

```
.text, #text, p{  
    color:#58040F  
}
```

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 #58040F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58040F
}
```

## Border

The CSS property to change the border of an element to Hex 58040F is called "border". The border property can be set on classes, ids or directly on the HTML element.

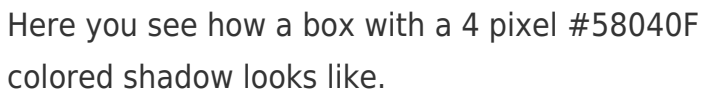
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58040F }
```

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

```
.border{ border-color:#58040F }
```

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



Here you see how a box with a 4 pixel #58040F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58040F; -webkit-box-shadow:4px 4px  
4px 4px #58040F; box-shadow:4px 4px 4px  
4px #58040F }
```

# Background

The CSS property to change the background color of an element to Hex 58040F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58040F }
```

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

```
.background{ background-color:#58040F }
```

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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