

# Converting Colors

Hex(4F0817)

Have a look what the booklet for  
Hex(4F0817) contains.

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**Color**

**Hex(4F0817)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F0817
RGB	79, 8, 23
RGB Percent	31%, 3%, 9%
CMY	0.6902, 0.9686, 0.9098
CMYK	0.00, 0.90, 0.71, 0.69
HSL	347°, 82%, 17%
HSV	347°, 90%, 31%
XYZ	3.4659, 1.8978, 0.9942
YIQ	30.9390, 37.5010, 19.7170

# Conversions

## Conversions Part 2

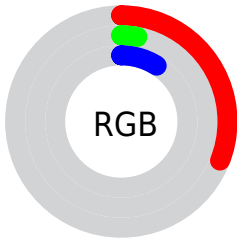
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 8, 23
Decimal	5179415
CIE <sub>Lab</sub>	14.94, 32.44, 11.54
CIE <sub>LCh</sub>	15, 34.430, 19.591
Yxy	1.8978, 0.5451, 0.2985
Android (android.graphics.Color)	4283369495 (0xFF4F0817)
YUV	30.9390, -3.9139, 42.1495
Hunter-Lab	13.7760, 20.8010, 5.3641

# Details

The Hex color **4F0817** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **084F40**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **853B41**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **4F0011**, and if you desaturate by 10%, it is **4F101D**.

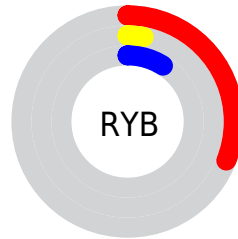
# Distribution



Red (31%)

Green (3%)

Blue (9%)



Red (31%)

Yellow (3%)

Blue (9%)

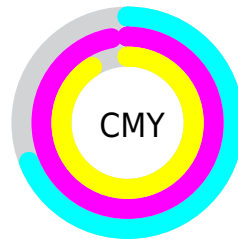


Cyan (0%)

Magenta (90%)

Yellow (71%)

Black (69%)



Cyan (69%)

Magenta (97%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F0817 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 4F0817 by changing the saturation by 10% instead.



 4F0817

 4F0817

 FFF6F8

 360000

 853B41

 170000

 A15359

 000000

 BD6D71

 DA878A

 F8A1A5

 FFBDC0

 FFD9DC

 4F0817

 4F0817

■ 4F0011

■ 4F101D

■ 4F1823

■ 4F202A

■ 4F2830

■ 4F3036

■ 4F373C

■ 4F3F43

■ 4F4749

■ 4F4F4F

# Harmonies

## Analogous

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



4C082F



4F0817



471600

# Triad

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



4F0817



002D00



002B56

# Complementary

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



4F0817



084F40

# 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.



002F4A



4F0817



002F1C

# Square

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



4F0817



212900



003035



0A2354

# Rectangle

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



4F0817



3D1E00



003035



002D53



# Sweetspot

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



4F0817



664A50



40084F



332326



B3B3B3



333333



# Same Dimension

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



4F0817



660016



4F1C08



262223



E60030

# Inverse Universe

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



4F0817



660016



083B4F



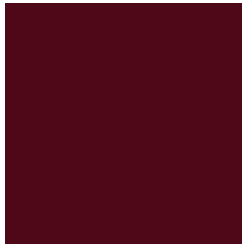
262223



E60030

# Previews

## White Background



This preview shows how the Hex color 4F0817 looks on a white background.

## Color Contrast Check

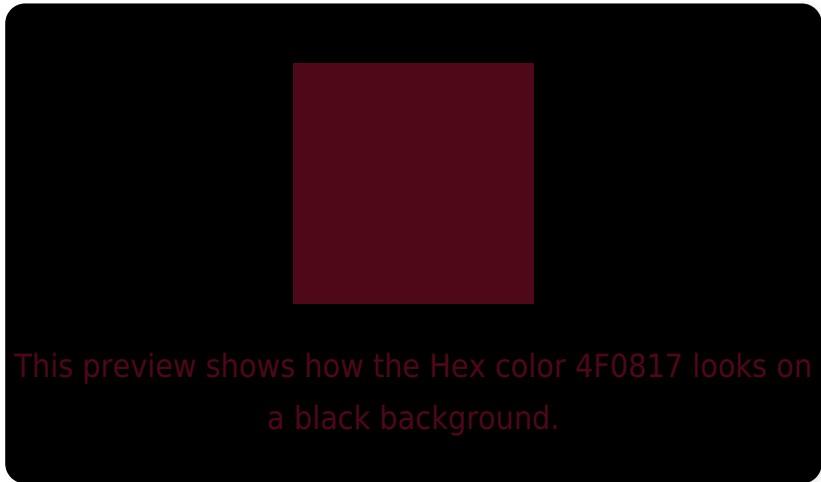
Large Text (above 18pt) WCAG AA ✓ Pass

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

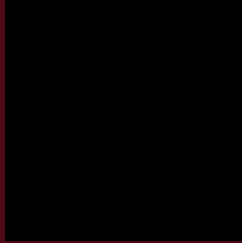
Any Text WCAG AA × Fail

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 4F0817 Background



This preview shows how black text looks on a background with the Hex color 4F0817.



This preview shows how white text looks on a background with the Hex color 4F0817.

# 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**  
4F0817

**Protanopia**  
2B2922

**Deuteranopia**  
322713





# Trichromacy



**Original Color**

4F0817

**Protanomaly**

381D1E

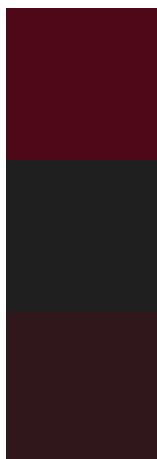
**Deuteranomaly**

3D1C14

**Tritanomaly**

4F0B0F

# Monochromacy



**Original Color**

4F0817

**Achromatopsia**

1F1F1F

**Achromatomaly**

30171C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F0817 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 #4F0817 looks like.

```
.text, #text, p{  
    color:#4F0817  
}
```

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 #4F0817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0817
}
```

## Border

The CSS property to change the border of an element to Hex 4F0817 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
#4F0817 }
```

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

```
.border{ border-color:#4F0817 }
```

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

Here you see how a box with a 4 pixel #4F0817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0817; -webkit-box-shadow:4px 4px  
4px 4px #4F0817; box-shadow:4px 4px 4px  
4px #4F0817 }
```

# Background

The CSS property to change the background color of an element to Hex 4F0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0817 }
```

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

```
.background{ background-color:#4F0817 }
```

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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