

# Converting Colors

Hex(4F1800)

Have a look what the booklet for  
Hex(4F1800) contains.

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**Color**

**Hex(4F1800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F1800
RGB	79, 24, 0
RGB Percent	31%, 9%, 0%
CMY	0.6902, 0.9059, 1.0000
CMYK	0.00, 0.70, 1.00, 0.69
HSL	18°, 100%, 15%
HSV	18°, 100%, 31%
XYZ	3.5511, 2.3155, 0.2598
YIQ	37.7090, 40.4840, 4.1960

# Conversions

## Conversions Part 2

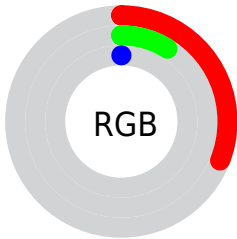
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	79, 34, 0
Decimal	5183488
CIE Lab	17.06, 24.64, 25.70
CIE LCh	17, 35.605, 46.211
Yxy	2.3155, 0.5796, 0.3780
Android (android.graphics.Color)	4283373568 (0xFF4F1800)
YUV	37.7090, -18.5905, 36.2122
Hunter-Lab	15.2169, 15.0261, 9.6396

# Details

The Hex color **4F1800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00374F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **85462F**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **4F1800**, and if you desaturate by 10%, it is **4F1E08**.

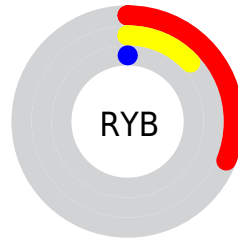
# Distribution



Red (31%)

Green (9%)

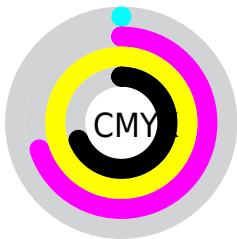
Blue (0%)



Red (31%)

Yellow (13%)

Blue (0%)

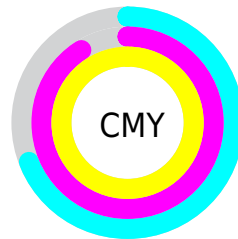


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (91%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F1800 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 4F1800 by changing the saturation by 10% instead.



 4F1800

 4F1800

 FFFFE2

 350200

 85462F

 190001

 A15E46

 000000

 BE775D

 DB9176

 F8AC90

 FFC8AB

 FFE4C6

 4F1800

■ 4F1E08

■ 4F2310

■ 4F2918

■ 4F2E20

■ 4F3428

■ 4F392F

■ 4F3F37

■ 4F443F

■ 4F4A47

# Harmonies

## Analogous

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



560B1D



4F1800



3F2500

# Triad

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



4F1800



00341D



01285C

# Complementary

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



4F1800



00374F

# 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.



00305C



4F1800



003538

# Square

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



4F1800



073200



00344F



3C1C4E

# Rectangle

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



4F1800



302B00



00344F



002C5D



# Sweetspot

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



4F1800



665147



4F0037



332621



B3B3B3



333333



# Same Dimension

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



4F1800



661F00



4F3F00



262422



E64600

# Inverse Universe

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



00374F



004766



00104F



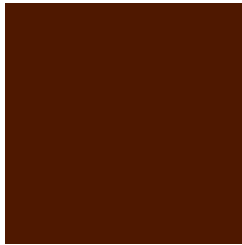
222526



00A0E6

# Previews

## White Background



This preview shows how the Hex color 4F1800 looks on a white background.

## Color Contrast Check

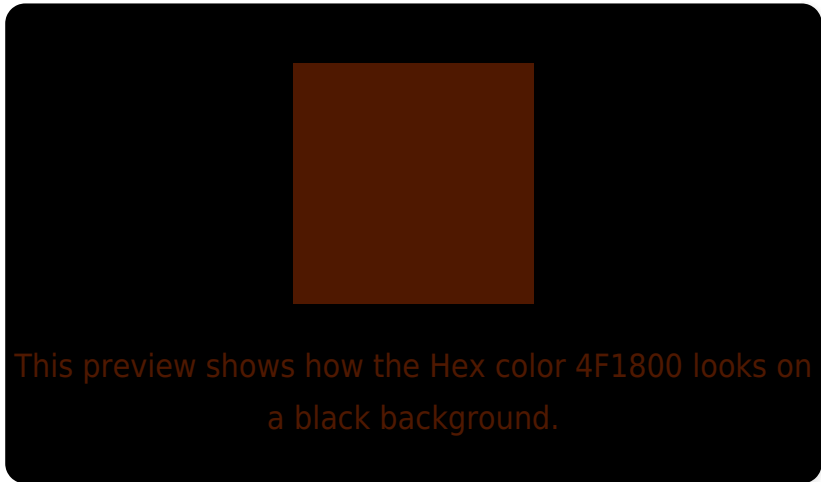
Large Text (above 18pt) WCAG AA ✓ Pass

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

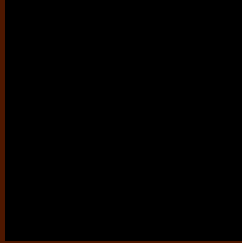
Any Text WCAG AA × Fail

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 4F1800 Background



This preview shows how black text looks on a background with the Hex color 4F1800.



This preview shows how white text looks on a background with the Hex color 4F1800.

# 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**  
4F1800

**Protanopia**  
312C09

**Deuteranopia**  
372A00





**Tritanopia**  
4F1617

# Trichromacy



**Original Color**  
4F1800

**Protanomaly**  
3C2506

**Deuteranomaly**  
402300

**Tritanomaly**  
4F170F

# Monochromacy



**Original Color**  
4F1800

**Achromatopsia**  
262626

**Achromatomaly**  
352118

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F1800 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 #4F1800 looks like.

```
.text, #text, p{  
    color:#4F1800  
}
```

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 #4F1800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1800
}
```

## Border

The CSS property to change the border of an element to Hex 4F1800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

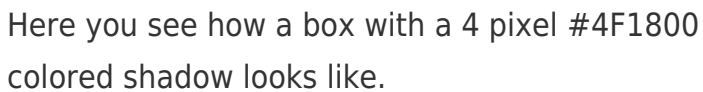
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F1800 }
```

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

```
.border{ border-color:#4F1800 }
```

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



Here you see how a box with a 4 pixel #4F1800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1800; -webkit-box-shadow:4px 4px  
4px 4px #4F1800; box-shadow:4px 4px 4px  
4px #4F1800 }
```

# Background

The CSS property to change the background color of an element to Hex 4F1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1800 }
```

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

```
.background{ background-color:#4F1800 }
```

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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