

# Converting Colors

Hex(4F1E00)

Have a look what the booklet for  
Hex(4F1E00) contains.

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**Color**

**Hex(4F1E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F1E00
RGB	79, 30, 0
RGB Percent	31%, 12%, 0%
CMY	0.6902, 0.8824, 1.0000
CMYK	0.00, 0.62, 1.00, 0.69
HSL	23°, 100%, 15%
HSV	23°, 100%, 31%
XYZ	3.6887, 2.5908, 0.3057
YIQ	41.2310, 38.8340, 1.0580

# Conversions

## Conversions Part 2

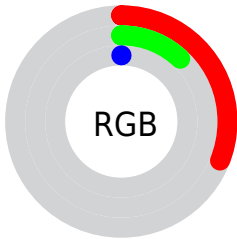
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 48, 0
Decimal	5185024
CIE <sub>Lab</sub>	18.32, 21.33, 27.22
CIE <sub>LCh</sub>	18, 34.586, 51.914
Yxy	2.5908, 0.5602, 0.3934
Android (android.graphics.Color)	4283375104 (0xFF4F1E00)
YUV	41.2310, -20.3269, 33.1234
Hunter-Lab	16.0960, 12.7389, 10.1413

# Details

The Hex color **4F1E00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00314F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **854C2F**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4F1E00**, and if you desaturate by 10%, it is **4F2308**.

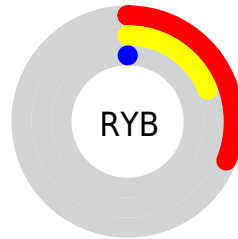
# Distribution



Red (31%)

Green (12%)

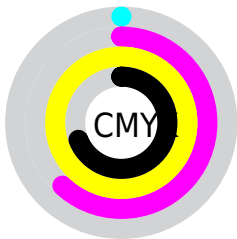
Blue (0%)



Red (31%)

Yellow (19%)

Blue (0%)

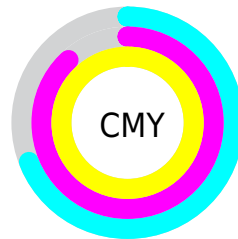


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F1E00 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 4F1E00 by changing the saturation by 10% instead.



 4F1E00

 4F1E00

 FFFFE3

 350800

 854C2F

 1B0001

 A16446

 000000

 BD7D5E

 DA9777

 F8B290

 FFCEAB

 FFEAC6

 4F1E00

■ 4F2308

■ 4F2810

■ 4F2D18

■ 4F3220

■ 4F3628

■ 4F3B2F

■ 4F4037

■ 4F453F

■ 4F4A47

# Harmonies

## Analogous

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



58121C



4F1E00



3E2900

# Triad

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



4F1E00



003725



1B295C

# Complementary

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



4F1E00



00314F

# 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.



00325F



4F1E00



00383F

# Square

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



4F1E00



00350A



003654



441C4C

# Rectangle

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



4F1E00



2F2F00



003654



002C5E



# Sweetspot

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



4F1E00



665347



4F0032



332821



B3B3B3



333333



# Same Dimension

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



4F1E00



662700



4F4400



262422



E65700

# Inverse Universe

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



00314F



003F66



000B4F



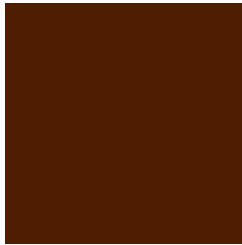
222526



008EE6

# Previews

## White Background



This preview shows how the Hex color 4F1E00 looks on a white background.

## Color Contrast Check

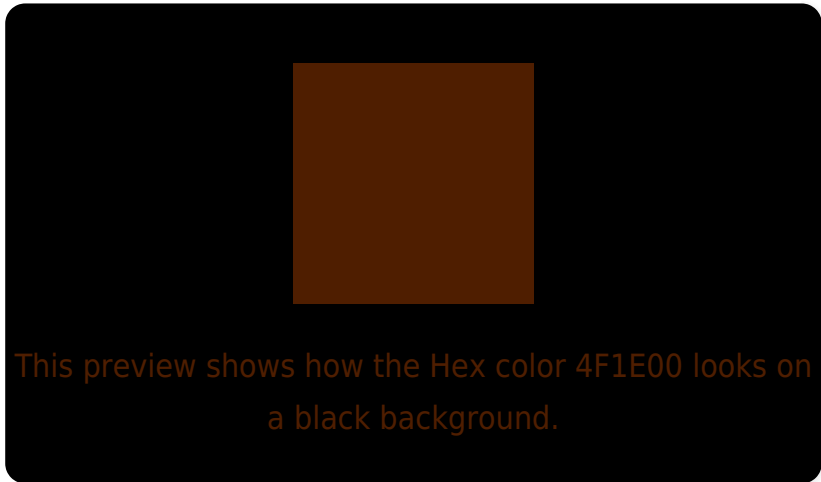
Large Text (above 18pt) WCAG AA ✓ Pass

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

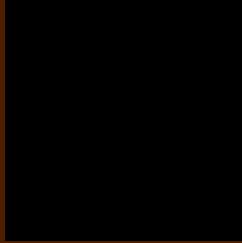
Any Text WCAG AA × Fail

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 4F1E00 Background



This preview shows how black text looks on a background with the Hex color 4F1E00.



This preview shows how white text looks on a background with the Hex color 4F1E00.

# 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**  
4F1E00

**Protanopia**  
342E08

**Deuteranopia**  
3A2C00





**Tritanopia**  
501C1E

# Trichromacy



**Original Color**  
4F1E00

**Protanomaly**  
3E2805

**Deuteranomaly**  
422700

**Tritanomaly**  
501D13

# Monochromacy



**Original Color**  
4F1E00

**Achromatopsia**  
292929

**Achromatomaly**  
37251A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F1E00 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 #4F1E00 looks like.

```
.text, #text, p{  
    color:#4F1E00  
}
```

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 #4F1E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1E00  
}
```

## Border

The CSS property to change the border of an element to Hex 4F1E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

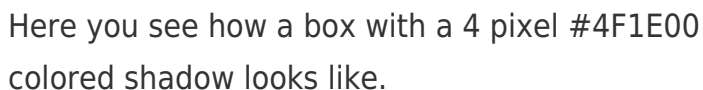
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4F1E00 }
```

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

```
.border{ border-color:#4F1E00 }
```

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



Here you see how a box with a 4 pixel #4F1E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1E00; -webkit-box-shadow:4px 4px  
4px 4px #4F1E00; box-shadow:4px 4px 4px  
4px #4F1E00 }
```

# Background

The CSS property to change the background color of an element to Hex 4F1E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1E00 }
```

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

```
.background{ background-color:#4F1E00 }
```

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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