

# Converting Colors

Hex(4F5714)

Have a look what the booklet for  
Hex(4F5714) contains.

<b>Hex(4F5714)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4F5714)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F5714
RGB	79, 87, 20
RGB Percent	31%, 34%, 8%
CMY	0.6902, 0.6588, 0.9216
CMYK	0.09, 0.00, 0.77, 0.66
HSL	67°, 63%, 21%
HSV	67°, 77%, 34%
XYZ	6.7589, 8.5292, 1.9519
YIQ	76.9700, 16.7390, -22.5330

# Conversions

## Conversions Part 2

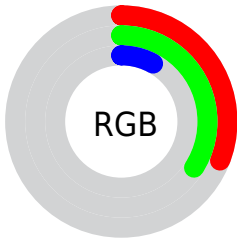
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 87, 28
Decimal	5199636
CIE <sub>Lab</sub>	35.06, -12.94, 35.69
CIE <sub>LCh</sub>	35, 37.968, 109.932
Yxy	8.5292, 0.3920, 0.4947
Android (android.graphics.Color)	4283389716 (0xFF4F5714)
YUV	76.9700, -28.0862, 1.7803
Hunter-Lab	29.2047, -9.7976, 16.4807

# Details

The Hex color **4F5714** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1C1457**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **828944**, and **202A00** is the 20% darker color. If you saturate the color by 10%, you get **4E570B**, and if you desaturate by 10%, it is **50571D**.

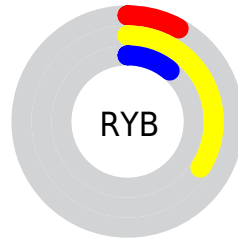
# Distribution



Red (31%)

Green (34%)

Blue (8%)



Red (8%)

Yellow (34%)

Blue (11%)

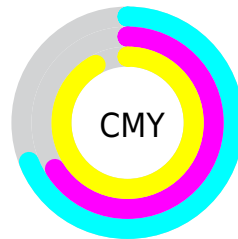


Cyan (9%)

Magenta (0%)

Yellow (77%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5714 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 4F5714 by changing the saturation by 10% instead.





4F5714



4F5714

FFFFFF



374000



828944



202A00



9DA35D



001700



B9BE76



000000



D5DA90



F2F6AB



FFFFC7



FFFFE3



4F5714



4F5714

■ 4E570B

■ 50571D

■ 4D5703

■ 515725

■ 4D5700

■ 52572E

■ 535737

■ 54573F

■ 555748

■ 565751

■ 57575A

■ 585762

# Harmonies

## Analogous

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



6B4D12



4F5714



2A5D29

# Triad

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



4F5714



005F80



84385E

# Complementary

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



4F5714



1C1457

# 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.



6D427A



4F5714



00598E

# Square

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



4F5714



006166



414F8C



8A3840

# Rectangle

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



4F5714



00603D



414F8C



7F3A68



# Sweetspot

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



4F5714



6D7056



571C14



363828



B8B8B8



383838



# Same Dimension

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



4F5714



647009



2E5714



2B2B27



5E6B00



CFEB00



# Inverse Universe

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



1C1457



150970



3D1457



28272B



0D006B



1C00EB



# Previews

## White Background



This preview shows how the Hex color 4F5714 looks on a white background.

## Color Contrast Check

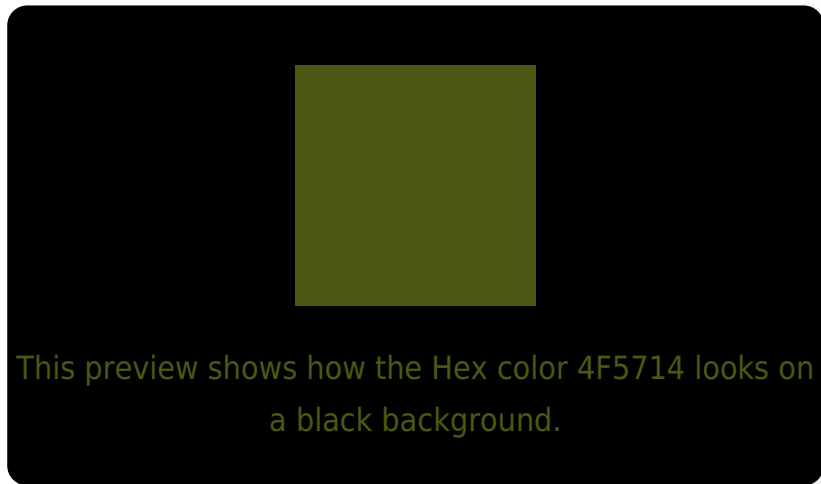
Large Text (above 18pt) WCAG AA ✓ Pass

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

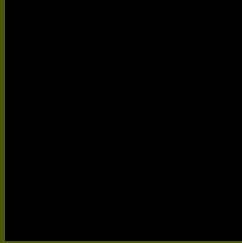
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F5714 Background



This preview shows how black text looks on a background with the Hex color 4F5714.



This preview shows how white text looks on a background with the Hex color 4F5714.

# 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**  
4F5714

**Protanopia**  
5D5313

**Deuteranopia**  
674E18



**Tritanopia**  
555157

# Trichromacy



**Original Color**  
4F5714

**Protanomaly**  
585413

**Deuteranomaly**  
5E5117

**Tritanomaly**  
53533F

# Monochromacy



**Original Color**  
4F5714

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4E5138

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5714 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 #4F5714 looks like.

```
.text, #text, p{  
    color:#4F5714  
}
```

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 #4F5714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5714
}
```

## Border

The CSS property to change the border of an element to Hex 4F5714 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
#4F5714 }
```

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

```
.border{ border-color:#4F5714 }
```

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

Here you see how a box with a 4 pixel #4F5714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5714; -webkit-box-shadow:4px 4px  
4px 4px #4F5714; box-shadow:4px 4px 4px  
4px #4F5714 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5714 }
```

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

```
.background{ background-color:#4F5714 }
```

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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