

# Converting Colors

Hex(6F4315)

Have a look what the booklet for  
Hex(6F4315) contains.

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**Color**

**Hex(6F4315)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4315
RGB	111, 67, 21
RGB Percent	44%, 26%, 8%
CMY	0.5647, 0.7373, 0.9176
CMYK	0.00, 0.40, 0.81, 0.56
HSL	31°, 68%, 26%
HSV	31°, 81%, 44%
XYZ	8.6981, 7.4480, 1.6886
YIQ	74.9120, 40.9900, -4.9780

# Conversions

## Conversions Part 2

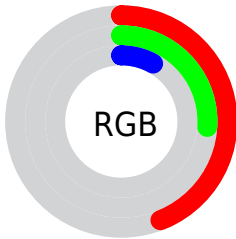
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 111, 21
Decimal	7291669
CIELab	32.81, 14.95, 34.27
CIELCh	33, 37.391, 66.433
Yxy	7.4480, 0.4877, 0.4176
Android (android.graphics.Color)	4285481749 (0xFF6F4315)
YUV	74.9120, -26.5786, 31.6492
Hunter-Lab	27.2910, 9.1316, 15.4351

# Details

The Hex color **6F4315** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **15416F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A67343**, and **3A1800** is the 20% darker color. If you saturate the color by 10%, you get **6F3E0A**, and if you desaturate by 10%, it is **6F4820**.

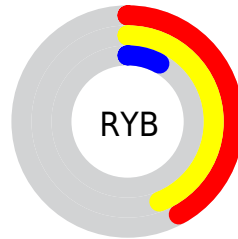
# Distribution



Red (44%)

Green (26%)

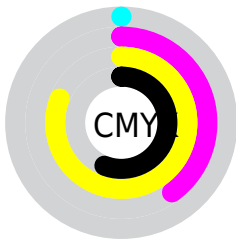
Blue (8%)



Red (42%)

Yellow (44%)

Blue (8%)

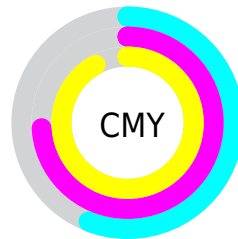


Cyan (0%)

Magenta (40%)

Yellow (81%)

Black (56%)



Cyan (56%)

Magenta (74%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4315 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 6F4315 by changing the saturation by 10% instead.



 6F4315

 6F4315

FFFFFFE

 552D00

 A67343

 3A1800

 C38D5B

 230000

 E0A775

 000000

 FEC28F

 FFDEA9

 FFFBC5

 FFFFE1

 6F4315

 6F4315

■ 6F3E0A

■ 6F4820

■ 6F3900

■ 6F4E2B

■ 6F5336

■ 6F5941

■ 6F5E4D

■ 6F6458

■ 6F6963

■ 6F6E6E

■ 6F7479

# Harmonies

## Analogous

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



7F372C



6F4315



574E0B

# Triad

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



6F4315



005B53



57437D

# Complementary

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



6F4315



15416F

# 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.



164E88



6F4315



005A6F

# Square

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



6F4315



005A34



005683



763665

# Rectangle

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



6F4315



435313



005683



474782



# Sweetspot

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



6F4315



91806E



6F1542



4A3F35



C9C9C9



4A4A4A



# Same Dimension

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



6F4315



914C04



6F6F15



383532



783D00



F77E00



# Inverse Universe

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



15416F



044991



15156F



323538



003B78



0079F7



# Previews

## White Background



This preview shows how the Hex color 6F4315 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

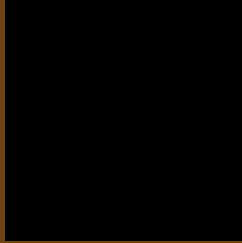
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F4315 Background



This preview shows how black text looks on a background with the Hex color 6F4315.



This preview shows how white text looks on a background with the Hex color 6F4315.

# 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**  
6F4315

**Protanopia**  
574E18

**Deuteranopia**  
624A12



**Tritanopia**  
713F43

# Trichromacy



**Original Color**  
6F4315

**Protanomaly**  
604A17

**Deuteranomaly**  
674713

**Tritanomaly**  
704032

# Monochromacy



**Original Color**  
6F4315

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
584837

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4315 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 #6F4315 looks like.

```
.text, #text, p{  
    color:#6F4315  
}
```

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 #6F4315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4315
}
```

## Border

The CSS property to change the border of an element to Hex 6F4315 is called "border". The border property can be set on classes, ids or directly on the HTML element.

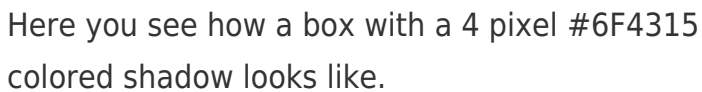
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4315 }
```

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

```
.border{ border-color:#6F4315 }
```

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



Here you see how a box with a 4 pixel #6F4315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4315; -webkit-box-shadow:4px 4px  
4px 4px #6F4315; box-shadow:4px 4px 4px  
4px #6F4315 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4315 }
```

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

```
.background{ background-color:#6F4315 }
```

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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