

# Converting Colors

Hex(6F5316)

Have a look what the booklet for  
Hex(6F5316) contains.

<b>Hex(6F5316)</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(6F5316)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5316
RGB	111, 83, 22
RGB Percent	44%, 33%, 9%
CMY	0.5647, 0.6745, 0.9137
CMYK	0.00, 0.25, 0.80, 0.56
HSL	41°, 67%, 26%
HSV	41°, 80%, 44%
XYZ	9.7936, 9.6239, 2.1005
YIQ	84.4180, 36.2690, -13.0350

# Conversions

## Conversions Part 2

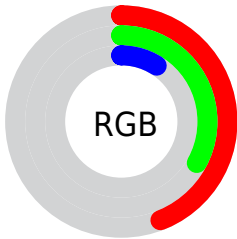
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 111, 22
Decimal	7295766
CIELab	37.16, 5.27, 38.01
CIELCh	37, 38.378, 82.101
Yxy	9.6239, 0.4551, 0.4472
Android (android.graphics.Color)	4285485846 (0xFF6F5316)
YUV	84.4180, -30.7721, 23.3124
Hunter-Lab	31.0225, 2.0621, 17.7013

# Details


The Hex color **6F5316** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16326F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A68446**, and **3B2700** is the 20% darker color. If you saturate the color by 10%, you get **6F500B**, and if you desaturate by 10%, it is **6F5621**.

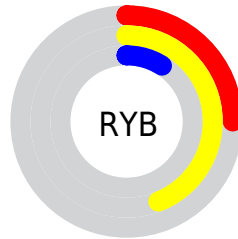
# Distribution



 Red (44%)

 Green (33%)

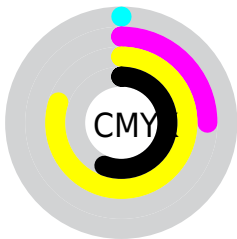
 Blue (9%)




 Red (25%)

 Yellow (44%)

 Blue (9%)

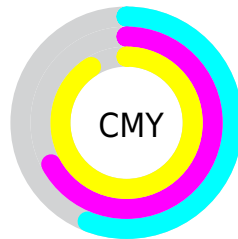



 Cyan (0%)

 Magenta (25%)

 Yellow (80%)

 Black (56%)



 Cyan (56%)

 Magenta (67%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F5316 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 6F5316 by changing the saturation by 10% instead.



 6F5316

 6F5316

FFFFFF

 553C00

 A68446

 3B2700

 C29E5F

 231300

 DFB978

 000000

 FCD592

 FFF1AD

 FFFFC9

 FFFF E5

 6F5316

 6F5316

■ 6F500B

■ 6F5621

■ 6F4C00

■ 6F5A2C

■ 6F5D37

■ 6F6142

■ 6F644E

■ 6F6859

■ 6F6B64

■ 6F6F6F

■ 6F727A

# Harmonies

## Analogous

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



854727



6F5316



525D19

# Triad

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



6F5316



00666E



75467E

# Complementary

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



6F5316



16326F

# 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.



4A5391



6F5316



006488

# Square

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



6F5316



00664E



005D95



8B3C61

# Rectangle

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



6F5316



3A6127



005D95



694A86



# Sweetspot

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



6F5316



91866E



6F1632



4A4335



C9C9C9



4A4A4A



# Same Dimension

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



6F5316



916506



5F6F16



383632



785200



F7AA00



# Inverse Universe

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



16326F



063291



26166F



323438



002678

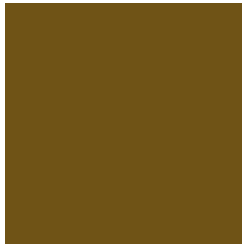


004EF7



# Previews

## White Background



This preview shows how the Hex color 6F5316 looks on a white background.

## Color Contrast Check

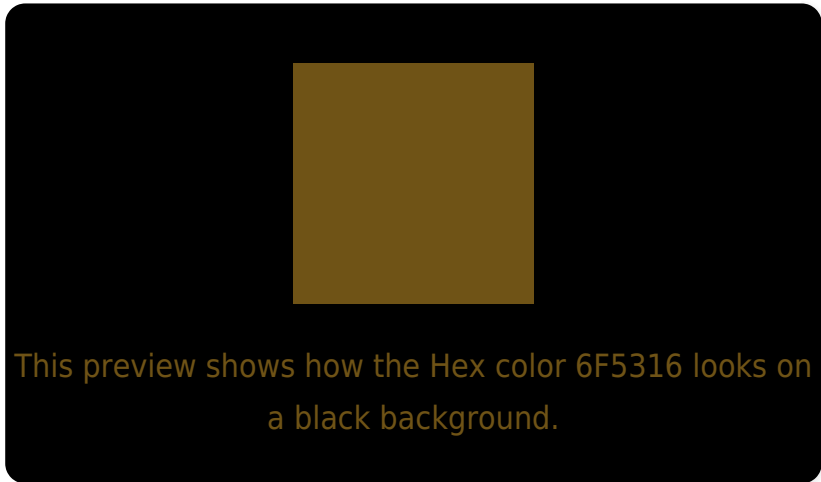
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F5316 Background



This preview shows how black text looks on a background with the Hex color 6F5316.



This preview shows how white text looks on a background with the Hex color 6F5316.

# 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**  
6F5316

**Protanopia**  
635817

**Deuteranopia**  
6E5316



**Tritanopia**  
734D53

# Trichromacy



**Original Color**  
6F5316

**Protanomaly**  
675617

**Deuteranomaly**  
6E5316

**Tritanomaly**  
724F3D

# Monochromacy



**Original Color**  
6F5316

**Achromatopsia**  
545454

**Achromatomaly**  
5E543D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F5316 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 #6F5316 looks like.

```
.text, #text, p{  
    color:#6F5316  
}
```

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 #6F5316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5316
}
```

## Border

The CSS property to change the border of an element to Hex 6F5316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

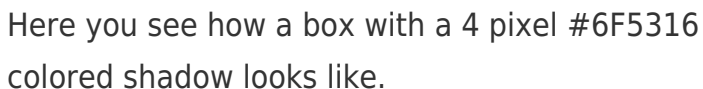
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F5316 }
```

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

```
.border{ border-color:#6F5316 }
```

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



Here you see how a box with a 4 pixel #6F5316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5316; -webkit-box-shadow:4px 4px  
4px 4px #6F5316; box-shadow:4px 4px 4px  
4px #6F5316 }
```

# Background

The CSS property to change the background color of an element to Hex 6F5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5316 }
```

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

```
.background{ background-color:#6F5316 }
```

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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