

# Converting Colors

Hex(6D3F1C)

Have a look what the booklet for  
Hex(6D3F1C) contains.

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**Color**

**Hex(6D3F1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D3F1C
RGB	109, 63, 28
RGB Percent	43%, 25%, 11%
CMY	0.5725, 0.7529, 0.8902
CMYK	0.00, 0.42, 0.74, 0.57
HSL	26°, 59%, 27%
HSV	26°, 74%, 43%
XYZ	8.2938, 6.8901, 1.9914
YIQ	72.7640, 38.6510, -1.1330

# Conversions

## Conversions Part 2

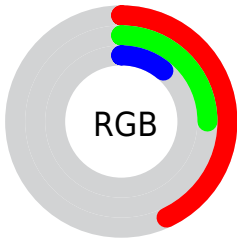
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 90, 28
Decimal	7159580
CIE Lab	31.56, 16.79, 29.30
CIE LCh	32, 33.769, 60.180
Yxy	6.8901, 0.4829, 0.4012
Android (android.graphics.Color)	4285349660 (0xFF6D3F1C)
YUV	72.7640, -22.0687, 31.7790
Hunter-Lab	26.2489, 10.4644, 13.8762

# Details

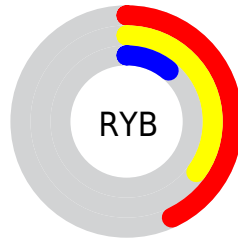
The Hex color **6D3F1C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1C4A6D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A46F49**, and **391400** is the 20% darker color. If you saturate the color by 10%, you get **6D3911**, and if you desaturate by 10%, it is **6D4527**.

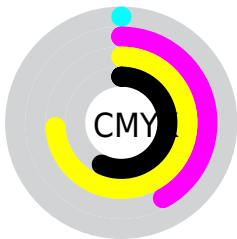
# Distribution



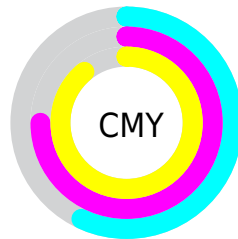
- Red (43%)
- Green (25%)
- Blue (11%)



- Red (43%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (74%)
- Black (57%)



- Cyan (57%)
- Magenta (75%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3F1C 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 6D3F1C by changing the saturation by 10% instead.



 6D3F1C

 6D3F1C

FFFFFF

 532904

 A46F49

 391400

 C08962

 220000

 DDA37B

 000000

 FBBE95

 FFDAB0

 FFF6CB

 FFFFE7

 6D3F1C

 6D3F1C

■ 6D3911

■ 6D4527

■ 6D3306

■ 6D4B32

■ 6D2F00

■ 6D523D

■ 6D5848

■ 6D5E53

■ 6D645D

■ 6D6A68

■ 6D7173

■ 6D777E

# Harmonies

## Analogous

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



793531



6D3F1C



584911

# Triad

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



6D3F1C



00574A



4B4378

# Complementary

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



6D3F1C



1C4A6D

# 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.



044D7F



6D3F1C



005764

# Square

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



6D3F1C



18552F



005478



6A3865

# Rectangle

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



6D3F1C



474E15



005478



3C477C



# Sweetspot

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



6D3F1C



8F7D6F



6D1C4B



473D35



C7C7C7



474747



# Same Dimension

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



6D3F1C



8F4710



6D661C



363330



753300



F56A00



# Inverse Universe

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



1C4A6D



10588F



1C236D



303336



004375



008BF5



# Previews

## White Background



This preview shows how the Hex color 6D3F1C looks on a white background.

## Color Contrast Check

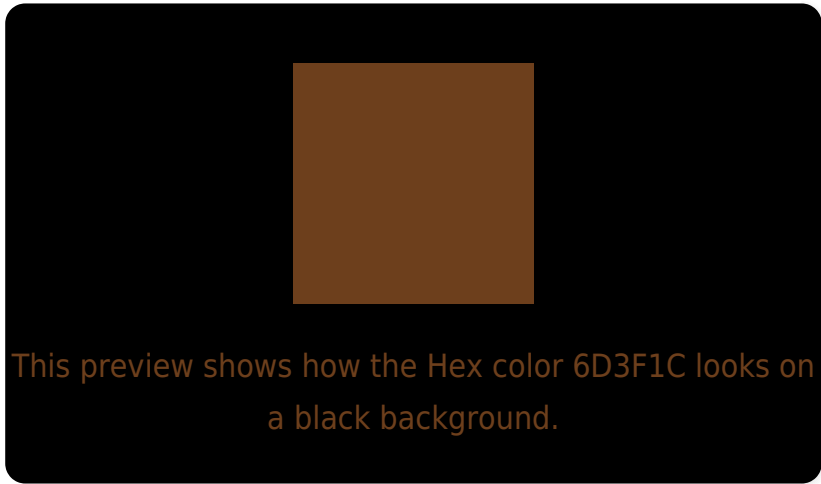
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D3F1C Background



This preview shows how black text looks on a background with the Hex color 6D3F1C.



This preview shows how white text looks on a background with the Hex color 6D3F1C.

# 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**  
6D3F1C

**Protanopia**  
534B1F

**Deuteranopia**  
5E471A



**Tritanopia**  
6F3B40

# Trichromacy



**Original Color**  
6D3F1C

**Protanomaly**  
5C471E

**Deuteranomaly**  
63441B

**Tritanomaly**  
6E3C33

# Monochromacy



**Original Color**  
6D3F1C

**Achromatopsia**  
494949

**Achromatomaly**  
564539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3F1C 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 #6D3F1C looks like.

```
.text, #text, p{  
    color:#6D3F1C  
}
```

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 #6D3F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3F1C
}
```

## Border

The CSS property to change the border of an element to Hex 6D3F1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

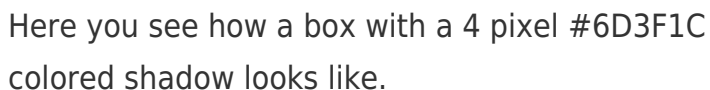
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3F1C }
```

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

```
.border{ border-color:#6D3F1C }
```

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



Here you see how a box with a 4 pixel #6D3F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3F1C; -webkit-box-shadow:4px 4px  
4px 4px #6D3F1C; box-shadow:4px 4px 4px  
4px #6D3F1C }
```

# Background

The CSS property to change the background color of an element to Hex 6D3F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3F1C }
```

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

```
.background{ background-color:#6D3F1C }
```

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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