

# Converting Colors

Hex(66441C)

Have a look what the booklet for  
Hex(66441C) contains.

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**Color**

**Hex(66441C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66441C
RGB	102, 68, 28
RGB Percent	40%, 27%, 11%
CMY	0.6000, 0.7333, 0.8902
CMYK	0.00, 0.33, 0.73, 0.60
HSL	32°, 57%, 25%
HSV	32°, 73%, 40%
XYZ	7.7562, 7.0429, 2.0492
YIQ	73.6060, 33.1040, -5.2320

# Conversions

## Conversions Part 2

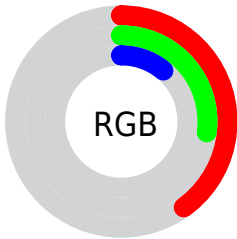
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 102, 28
Decimal	6702108
CIELab	31.90, 10.39, 29.39
CIElCh	32, 31.176, 70.533
Yxy	7.0429, 0.4604, 0.4180
Android (android.graphics.Color)	4284892188 (0xFF66441C)
YUV	73.6060, -22.4838, 24.9015
Hunter-Lab	26.5384, 5.7269, 13.9987

# Details

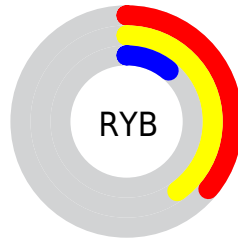
The Hex color **66441C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1C3E66**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9C744A**, and **331900** is the 20% darker color. If you saturate the color by 10%, you get **663F12**, and if you desaturate by 10%, it is **664926**.

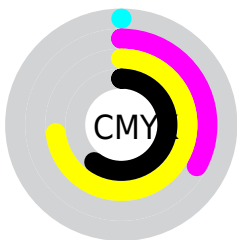
# Distribution



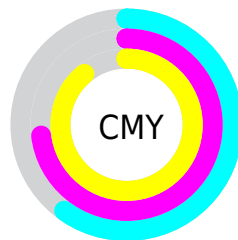
- Red (40%)
- Green (27%)
- Blue (11%)



- Red (36%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66441C 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 66441C by changing the saturation by 10% instead.



 66441C

 66441C

FFFFFF

 4C2E04

 9C744A

 331900

 B88E62

 1C0000

 D4A87B

 000000

 F2C395

 FFDFB0

 FFFCCC

 FFFF8

 66441C

 66441C

■ 663F12

■ 664926

■ 663B08

■ 664D30

■ 663700

■ 66523B

■ 665745

■ 665B4F

■ 666059

■ 666563

■ 66696E

■ 666E78

# Harmonies

## Analogous

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



743B2C



66441C



514D18

# Triad

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



66441C



005753



584170

# Complementary

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



66441C



1C3E66

# 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.



2F4B7B



66441C



00566A

# Square

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



66441C



0A563A



005279



70385C

# Rectangle

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



66441C



40511F



005279



4D4475



# Sweetspot

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



66441C



857767



661C3F



423A31



C2C2C2



424242



# Same Dimension

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



66441C



855011



64661C



33312E



733E00



F28300



# Inverse Universe

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



1C3E66



114685



1E1C66



2E3033



003573



006FF2



# Previews

## White Background



This preview shows how the Hex color 66441C looks on a white background.

## Color Contrast Check

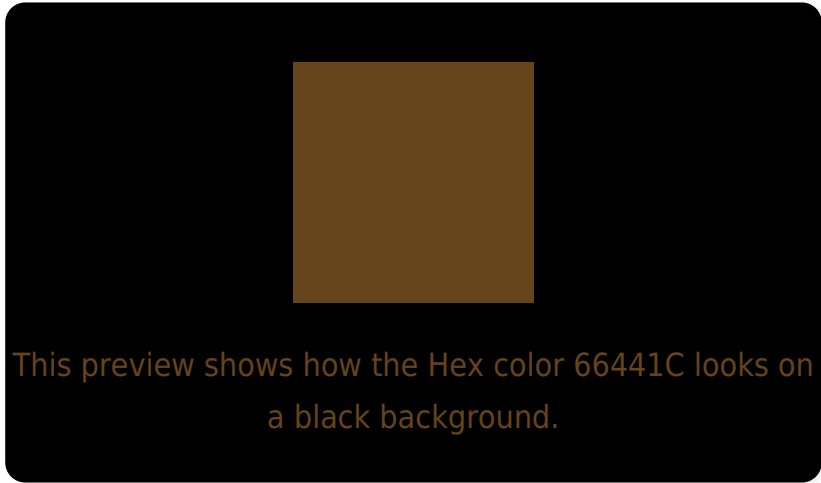
Large Text (above 18pt) WCAG AA ✓ Pass

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 66441C Background



This preview shows how black text looks on a background with the Hex color 66441C.



This preview shows how white text looks on a background with the Hex color 66441C.

# 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**  
66441C

**Protanopia**  
544C1E

**Deuteranopia**  
5E481B



**Tritanopia**  
694045

# Trichromacy



**Original Color**  
66441C

**Protanomaly**  
5B491D

**Deuteranomaly**  
61471B

**Tritanomaly**  
684136

# Monochromacy



**Original Color**  
66441C

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
544839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66441C 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 #66441C looks like.

```
.text, #text, p{  
    color:#66441C  
}
```

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 #66441C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66441C
}
```

## Border

The CSS property to change the border of an element to Hex 66441C is called "border". The border property can be set on classes, ids or directly on the HTML element.

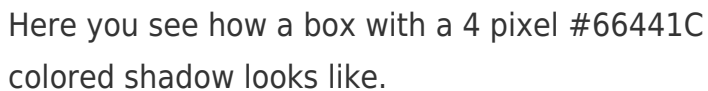
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66441C }
```

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

```
.border{ border-color:#66441C }
```

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



Here you see how a box with a 4 pixel #66441C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66441C; -webkit-box-shadow:4px 4px  
4px 4px #66441C; box-shadow:4px 4px 4px  
4px #66441C }
```

# Background

The CSS property to change the background color of an element to Hex 66441C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66441C }
```

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

```
.background{ background-color:#66441C }
```

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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