

# Converting Colors

Hex(3C380C)

Have a look what the booklet for  
Hex(3C380C) contains.

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**Color**

**Hex(3C380C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C380C
RGB	60, 56, 12
RGB Percent	24%, 22%, 5%
CMY	0.7647, 0.7804, 0.9529
CMYK	0.00, 0.07, 0.80, 0.76
HSL	55°, 67%, 14%
HSV	55°, 80%, 24%
XYZ	3.3440, 3.8155, 0.9081
YIQ	52.1800, 16.5080, -12.8360

# Conversions

## Conversions Part 2

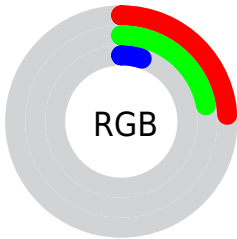
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 60, 12
Decimal	3946508
CIE Lab	23.05, -4.49, 26.76
CIE LCh	23, 27.131, 99.527
Yxy	3.8155, 0.4145, 0.4729
Android (android.graphics.Color)	4282136588 (0xFF3C380C)
YUV	52.1800, -19.8087, 6.8581
Hunter-Lab	19.5334, -3.6253, 10.9172

# Details

The Hex color **3C380C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C103C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6D6739**, and **050E00** is the 20% darker color. If you saturate the color by 10%, you get **3C3706**, and if you desaturate by 10%, it is **3C3912**.

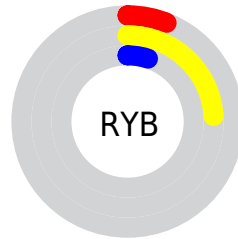
# Distribution



Red (24%)

Green (22%)

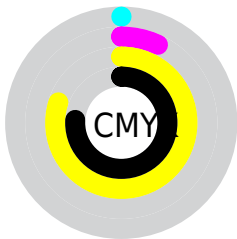
Blue (5%)



Red (6%)

Yellow (24%)

Blue (5%)

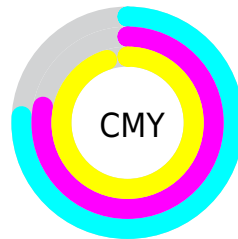


Cyan (0%)

Magenta (7%)

Yellow (80%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C380C 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 3C380C by changing the saturation by 10% instead.





3C380C



3C380C



FFFFFF0



262300



6D6739



050E00



878050



000000



A29A69



BDB482



DAD09C



F6ECB8



FFFFD3



3C380C



3C380C

■ 3C3706

■ 3C3912

■ 3C3700

■ 3C3918

■ 3C391E

■ 3C3A24

■ 3C3A2A

■ 3C3B30

■ 3C3B36

■ 3C3C3C

■ 3C3C42

# Harmonies

## Analogous

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



4D3110



3C380C



263D16

# Triad

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



3C380C



004050



552746

# Complementary

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



3C380C



0C103C

# 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.



412F56



3C380C



003D5D

# Square

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



3C380C



00413D



1D375F



5C2531

# Rectangle

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



3C380C



123F22



1D375F



4F2A4C



# Sweetspot

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



3C380C



4F4D3C



3C0C10



29281D



A8A8A8



292929



# Same Dimension

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



3C380C



4F4903



283C0C



1F1E1C



5E5600



DECB00



# Inverse Universe

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



0C103C



03094F



200C3C



1C1C1F



00085E

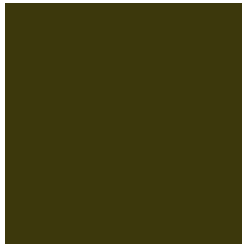


0012DE



# Previews

## White Background



This preview shows how the Hex color 3C380C looks on a white background.

## Color Contrast Check

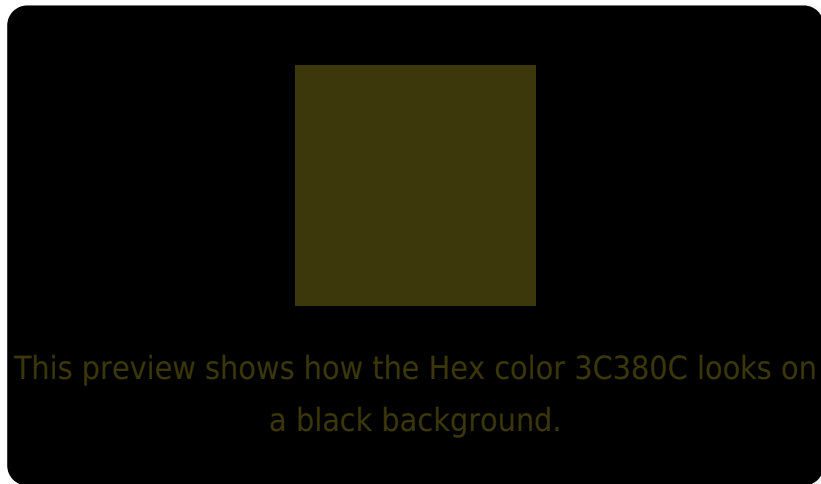
Large Text (above 18pt) WCAG AA ✓ Pass

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

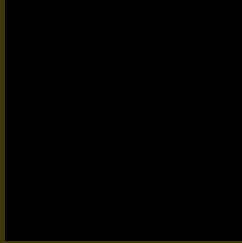
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C380C Background



This preview shows how black text looks on a background with the Hex color 3C380C.



This preview shows how white text looks on a background with the Hex color 3C380C.

# 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](#).

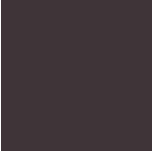
## Dichromacy



**Original Color**  
3C380C

**Protanopia**  
3E370C

**Deuteranopia**  
45340E



**Tritanopia**  
3F3438

# Trichromacy



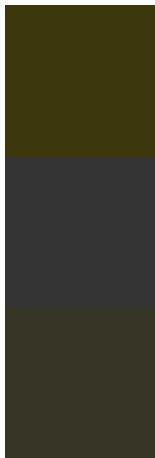
**Original Color**  
3C380C

**Protanomaly**  
3D370C

**Deuteranomaly**  
42350D

**Tritanomaly**  
3E3528

# Monochromacy



**Original Color**  
3C380C

**Achromatopsia**  
343434

**Achromatomaly**  
373525

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C380C 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 #3C380C looks like.

```
.text, #text, p{  
    color:#3C380C  
}
```

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 #3C380C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C380C  
}
```

## Border

The CSS property to change the border of an element to Hex 3C380C 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".

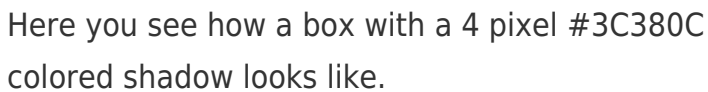
```
.border, #border, table{ border:4px solid  
#3C380C }
```

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

```
.border{ border-color:#3C380C }
```

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

Here you see how a box with a 4 pixel #3C380C colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The box is white with a thin dark brown border on the top and left sides, and a thicker dark brown shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C380C; -webkit-box-shadow:4px 4px  
4px 4px #3C380C; box-shadow:4px 4px 4px  
4px #3C380C }
```

# Background

The CSS property to change the background color of an element to Hex 3C380C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C380C }
```

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

```
.background{ background-color:#3C380C }
```

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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