

# Converting Colors

Hex(3F3C0A)

Have a look what the booklet for  
Hex(3F3C0A) contains.

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**Color**

**Hex(3F3C0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F3C0A
RGB	63, 60, 10
RGB Percent	25%, 24%, 4%
CMY	0.7529, 0.7647, 0.9608
CMYK	0.00, 0.05, 0.84, 0.75
HSL	57°, 73%, 14%
HSV	57°, 84%, 25%
XYZ	3.7205, 4.3104, 0.9231
YIQ	55.1970, 17.8380, -14.9140

# Conversions

## Conversions Part 2

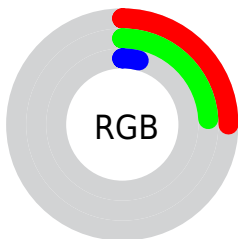
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 63, 10
Decimal	4144138
CIE Lab	24.67, -5.54, 29.34
CIE LCh	25, 29.854, 100.697
Yxy	4.3104, 0.4155, 0.4814
Android (android.graphics.Color)	4282334218 (0xFF3F3C0A)
YUV	55.1970, -22.2821, 6.8432
Hunter-Lab	20.7615, -4.3447, 11.8970

# Details

The Hex color **3F3C0A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0D3F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **716B38**, and **0C1200** is the 20% darker color. If you saturate the color by 10%, you get **3F3C04**, and if you desaturate by 10%, it is **3F3C10**.

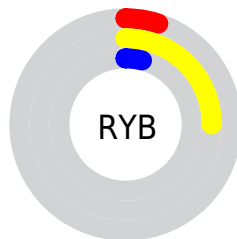
# Distribution



Red (25%)

Green (24%)

Blue (4%)



Red (5%)

Yellow (25%)

Blue (4%)

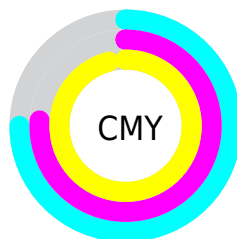


Cyan (0%)

Magenta (5%)

Yellow (84%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F3C0A 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 3F3C0A by changing the saturation by 10% instead.




 3F3C0A

 3F3C0A

 FFFFEF

 282600

 716B38

 0C1200

 8B844F

 000000

 A69E68

 C1B982

 DED59C

 FBF1B7

 FFFFD3

 3F3C0A

 3F3C0A

■ 3F3C04

■ 3F3C10

■ 3F3B00

■ 3F3D17

■ 3F3D1D

■ 3F3D23

■ 3F3E2A

■ 3F3E30

■ 3F3E36

■ 3F3F3C

■ 3F3F43

# Harmonies

## Analogous

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



52340E



3F3C0A



264116

# Triad

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



3F3C0A



004557



5C284A

# Complementary

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



3F3C0A



0A0D3F

# 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.



46315D



3F3C0A



004165

# Square

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



3F3C0A



004642



1E3A67



642633

# Rectangle

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



3F3C0A



0D4424



1E3A67



562B51



# Sweetspot

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



3F3C0A



52503D



3F0A0E



29281D



A8A8A8



292929



# Same Dimension

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



3F3C0A



524D00



283F0A



1F1E1C



5E5900



DED100



# Inverse Universe

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



0A0D3F



000552



210A3F



1C1C1F



00055E

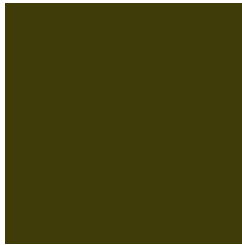


000DDE



# Previews

## White Background



This preview shows how the Hex color 3F3C0A looks on a white background.

## Color Contrast Check

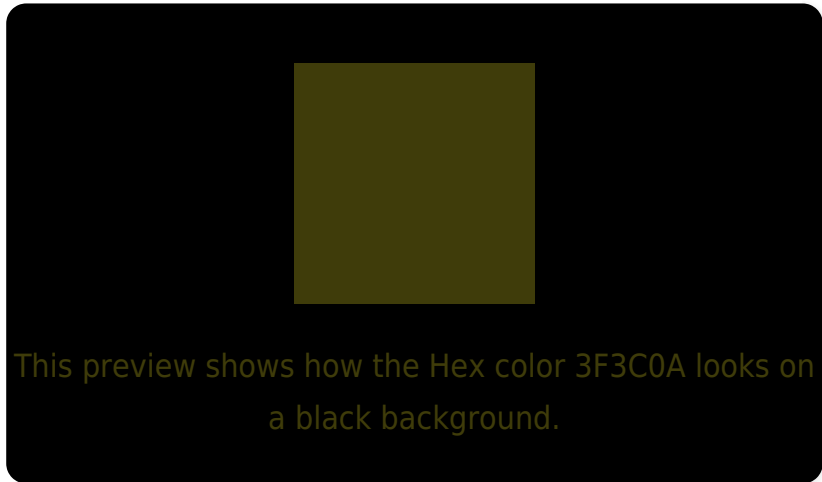
Large Text (above 18pt) WCAG AA ✓ Pass

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

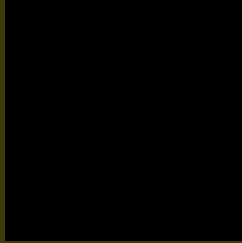
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F3C0A Background



This preview shows how black text looks on a background with the Hex color 3F3C0A.



This preview shows how white text looks on a background with the Hex color 3F3C0A.

# 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](#).

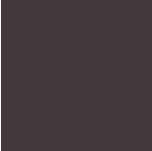
## Dichromacy



**Original Color**  
3F3C0A

**Protanopia**  
423B0A

**Deuteranopia**  
4A380D



**Tritanopia**  
43383C

# Trichromacy



**Original Color**  
3F3C0A

**Protanomaly**  
413B0A

**Deuteranomaly**  
46390C

**Tritanomaly**  
42392A

# Monochromacy



**Original Color**  
3F3C0A

**Achromatopsia**  
373737

**Achromatomaly**  
3A3927

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F3C0A 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 #3F3C0A looks like.

```
.text, #text, p{  
    color:#3F3C0A  
}
```

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 #3F3C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3C0A
}
```

## Border

The CSS property to change the border of an element to Hex 3F3C0A 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".

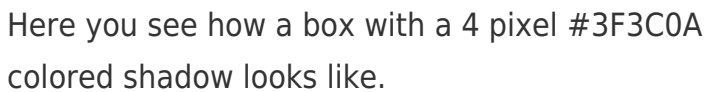
```
.border, #border, table{ border:4px solid
#3F3C0A }
```

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

```
.border{ border-color:#3F3C0A }
```

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

Here you see how a box with a 4 pixel #3F3C0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3C0A; -webkit-box-shadow:4px 4px  
4px 4px #3F3C0A; box-shadow:4px 4px 4px  
4px #3F3C0A }
```

# Background

The CSS property to change the background color of an element to Hex 3F3C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3C0A }
```

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

```
.background{ background-color:#3F3C0A }
```

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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