

Converting Colors

Hex(3F3B0D)

Have a look what the booklet for
Hex(3F3B0D) contains.

Hex(3F3B0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F3B0D)

Conversions

Conversions Part 1

Format	Color
Hex	3F3B0D
RGB	63, 59, 13
RGB Percent	25%, 23%, 5%
CMY	0.7529, 0.7686, 0.9490
CMYK	0.00, 0.06, 0.79, 0.75
HSL	55°, 66%, 15%
HSV	55°, 79%, 25%
XYZ	3.6865, 4.2137, 0.9998
YIQ	54.9520, 17.1500, -13.4580

Conversions

Conversions Part 2

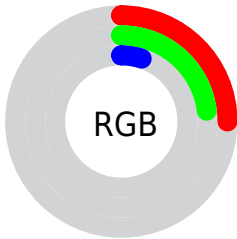
Format	Color
RYB	17, 63, 13
Decimal	4143885
CIELab	24.37, -4.74, 27.72
CIELCh	24, 28.118, 99.706
Yxy	4.2137, 0.4142, 0.4735
Android (android.graphics.Color)	4282333965 (0xFF3F3B0D)
YUV	54.9520, -20.6823, 7.0581
Hunter-Lab	20.5274, -3.8663, 11.4814

Details

The Hex color **3F3B0D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D113F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **716A3A**, and **0C1100** is the 20% darker color. If you saturate the color by 10%, you get **3F3A07**, and if you desaturate by 10%, it is **3F3C13**.

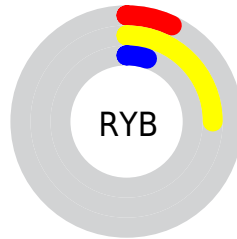
Distribution



Red (25%)

Green (23%)

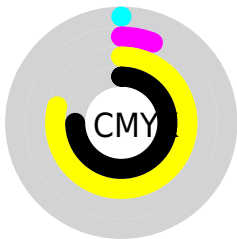
Blue (5%)



Red (7%)

Yellow (25%)

Blue (5%)

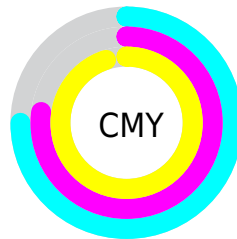


Cyan (0%)

Magenta (6%)

Yellow (79%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3B0D 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 3F3B0D by changing the saturation by 10% instead.

 3F3B0D

 3F3B0D

 FFFFF2

 292500

 716A3A

 0C1100

 8B8352

 000000

 A69D6A

 C1B884

 DDD49E

 FAF0B9

 FFFFD5

 3F3B0D

 3F3B0D

■ 3F3A07

■ 3F3C13

■ 3F3A00

■ 3F3C1A

■ 3F3D20

■ 3F3D26

■ 3F3E2D

■ 3F3E33

■ 3F3F39

■ 3F3F3F

■ 3F4046

Harmonies

Analogous

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



513411



3F3B0D



284018

Triad

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



3F3B0D



004354



592949

Complementary

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



3F3B0D



0D113F

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.



44315B



3F3B0D



004061

Square

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



3F3B0D



004440



1F3A64



612734

Rectangle

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



3F3B0D



134224



1F3A64



532C50

Sweetspot

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



3F3B0D



52503E



3F0D11



29281D



A8A8A8



292929

Same Dimension

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



3F3B0D



524B04



2A3F0D



1F1E1C



5E5700



DECC00

Inverse Universe

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



0D113F



040A52



220D3F



1C1C1F



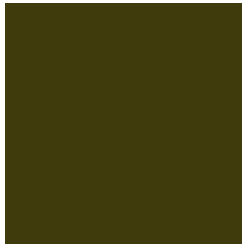
00085E



0012DE

Previews

White Background



This preview shows how the Hex color 3F3B0D looks on a white background.

Color Contrast Check

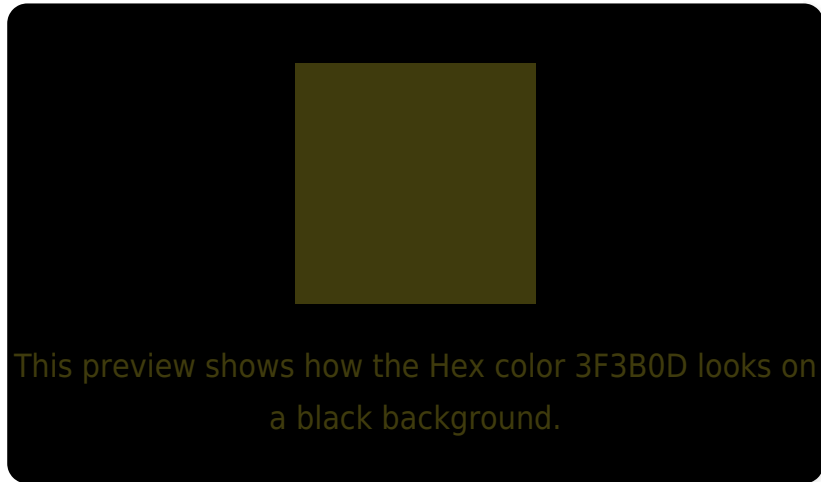
Large Text (above 18pt) WCAG AA ✓ Pass

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

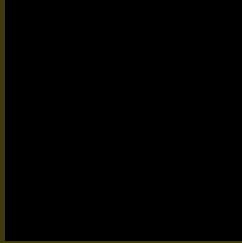
Any Text WCAG AA × Fail

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 3F3B0D Background



This preview shows how black text looks on a background with the Hex color 3F3B0D.



This preview shows how white text looks on a background with the Hex color 3F3B0D.

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
3F3B0D

Protanopia
413A0D

Deuteranopia
49370F



Tritanopia
43373B

Trichromacy



Original Color
3F3B0D

Protanomaly
403A0D

Deuteranomaly
45380E

Tritanomaly
42382A

Monochromacy



Original Color
3F3B0D

Achromatopsia
373737

Achromatomaly
3A3828

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3B0D 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 #3F3B0D looks like.

```
.text, #text, p{  
    color:#3F3B0D  
}
```

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 #3F3B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3B0D
}
```

Border

The CSS property to change the border of an element to Hex 3F3B0D 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".

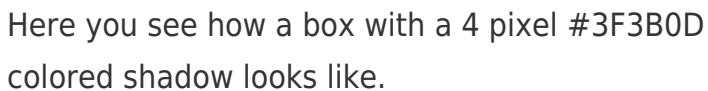
```
.border, #border, table{ border:4px solid
#3F3B0D }
```

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

```
.border{ border-color:#3F3B0D }
```

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

Here you see how a box with a 4 pixel #3F3B0D 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. Below the box, there is a thick dark brown horizontal bar. The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3B0D; -webkit-box-shadow:4px 4px  
4px 4px #3F3B0D; box-shadow:4px 4px 4px  
4px #3F3B0D }
```

Background

The CSS property to change the background color of an element to Hex 3F3B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3B0D }
```

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

```
.background{ background-color:#3F3B0D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor