

Converting Colors

Hex(3F4C0A)

Have a look what the booklet for
Hex(3F4C0A) contains.

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Color

Hex(3F4C0A)

Conversions

Conversions Part 1

Format	Color
Hex	3F4C0A
RGB	63, 76, 10
RGB Percent	25%, 30%, 4%
CMY	0.7529, 0.7020, 0.9608
CMYK	0.17, 0.00, 0.87, 0.70
HSL	72°, 77%, 17%
HSV	72°, 87%, 30%
XYZ	4.6891, 6.2476, 1.2459
YIQ	64.5890, 13.4380, -23.2820

Conversions

Conversions Part 2

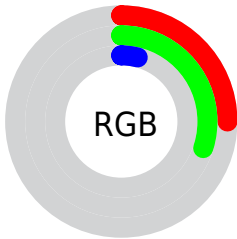
Format	Color
RYB	10, 76, 23
Decimal	4148234
CIELab	30.03, -15.02, 34.29
CIElCh	30, 37.436, 113.652
Yxy	6.2476, 0.3849, 0.5128
Android (android.graphics.Color)	4282338314 (0xFF3F4C0A)
YUV	64.5890, -26.9124, -1.3936
Hunter-Lab	24.9951, -10.2546, 14.5412

Details

The Hex color **3F4C0A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **170A4C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **717D3B**, and **0F2000** is the 20% darker color. If you saturate the color by 10%, you get **3E4C02**, and if you desaturate by 10%, it is **404C12**.

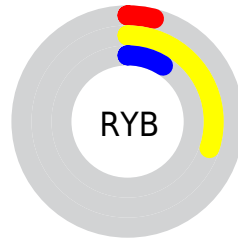
Distribution



Red (25%)

Green (30%)

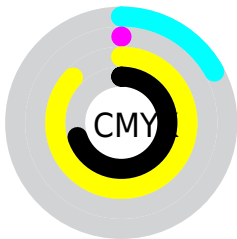
Blue (4%)



Red (4%)

Yellow (30%)

Blue (9%)

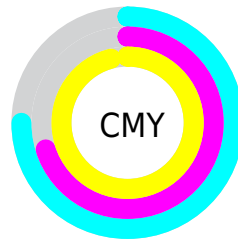


Cyan (17%)

Magenta (0%)

Yellow (87%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4C0A 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 3F4C0A by changing the saturation by 10% instead.



3F4C0A



3F4C0A



FFFFFF4



293500



717D3B



0F2000



8B9753



000000



A6B16C



C2CD86



DEE9A0



FBFFBB



FFFFD7



3F4C0A



3F4C0A

■ 3E4C02

■ 404C12

■ 3D4C00

■ 424C19

■ 434C21

■ 454C28

■ 464C30

■ 484C38

■ 494C3F

■ 4B4C47

■ 4C4C4E

Harmonies

Analogous

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



5B4305



3F4C0A



175122

Triad

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



3F4C0A



005275



782B4E

Complementary

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



3F4C0A



170A4C

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.



64356A



3F4C0A



004C81

Square

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



3F4C0A



00545D



3B427C



7A2D31

Rectangle

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



3F4C0A



005335



3B427C



732D58

Sweetspot

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



3F4C0A



5E634A



4C160A



303323



B3B3B3



333333

Same Dimension

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



3F4C0A



506300



1F4C0A



252622



526600



B8E600

Inverse Universe

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



170A4C



140063



370A4C



232226



140066



2D00E6

Previews

White Background



This preview shows how the Hex color 3F4C0A looks on a white background.

Color Contrast Check

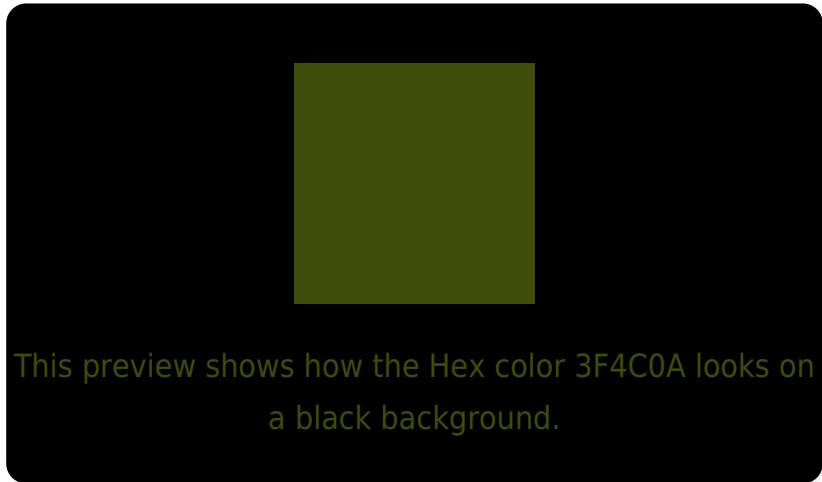
Large Text (above 18pt) WCAG AA ✓ Pass

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

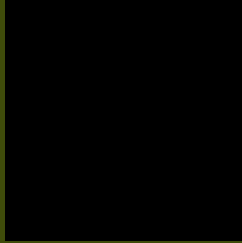
Any Text WCAG AA × Fail

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 3F4C0A Background



This preview shows how black text looks on a background with the Hex color 3F4C0A.



This preview shows how white text looks on a background with the Hex color 3F4C0A.

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
3F4C0A

Protanopia
504708

Deuteranopia
594310



Tritanopia
45474C

Trichromacy



Original Color
3F4C0A

Protanomaly
4A4909

Deuteranomaly
50460E

Tritanomaly
434934

Monochromacy



Original Color
3F4C0A

Achromatopsia
414141

Achromatomaly
40452D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4C0A 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 #3F4C0A looks like.

```
.text, #text, p{  
    color:#3F4C0A  
}
```

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 #3F4C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4C0A
}
```

Border

The CSS property to change the border of an element to Hex 3F4C0A 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".

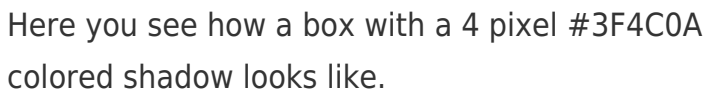
```
.border, #border, table{ border:4px solid
#3F4C0A }
```

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

```
.border{ border-color:#3F4C0A }
```

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

Here you see how a box with a 4 pixel #3F4C0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4C0A; -webkit-box-shadow:4px 4px  
4px 4px #3F4C0A; box-shadow:4px 4px 4px  
4px #3F4C0A }
```

Background

The CSS property to change the background color of an element to Hex 3F4C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4C0A }
```

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

```
.background{ background-color:#3F4C0A }
```

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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