

Converting Colors

Hex(3F4706)

Have a look what the booklet for
Hex(3F4706) contains.

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Color

Hex(3F4706)

Conversions

Conversions Part 1

Format	Color
Hex	3F4706
RGB	63, 71, 6
RGB Percent	25%, 28%, 2%
CMY	0.7529, 0.7216, 0.9765
CMYK	0.11, 0.00, 0.92, 0.72
HSL	67°, 84%, 15%
HSV	67°, 92%, 28%
XYZ	4.3360, 5.5764, 1.0201
YIQ	61.1980, 16.0970, -21.9110

Conversions

Conversions Part 2

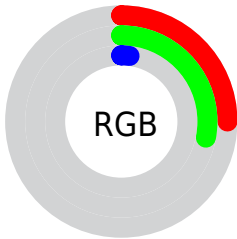
Format	Color
RYB	6, 71, 14
Decimal	4146950
CIELab	28.32, -12.37, 34.25
CIELCh	28, 36.411, 109.855
Yxy	5.5764, 0.3966, 0.5101
Android (android.graphics.Color)	4282337030 (0xFF3F4706)
YUV	61.1980, -27.2126, 1.5804
Hunter-Lab	23.6144, -8.5495, 13.9688

Details

The Hex color **3F4706** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E0647**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **717737**, and **0E1C00** is the 20% darker color. If you saturate the color by 10%, you get **3E4700**, and if you desaturate by 10%, it is **40470D**.

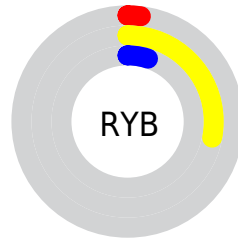
Distribution



Red (25%)

Green (28%)

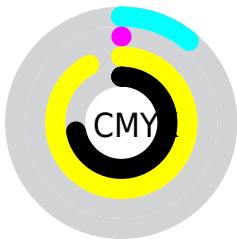
Blue (2%)



Red (2%)

Yellow (28%)

Blue (5%)

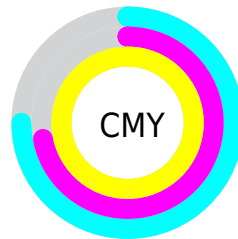


Cyan (11%)

Magenta (0%)

Yellow (92%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4706 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 3F4706 by changing the saturation by 10% instead.

 3F4706

 3F4706

 FFFFEF

 283100

 717737

 0E1C00

 8B914F

 000000

 A6AB68

 C2C781

 DEE39C

 FBFFB7

 FFFFD3

 3F4706

 3F4706

■ 3E4700

■ 40470D

■ 414714

■ 42471B

■ 424722

■ 43472A

■ 444731

■ 454738

■ 46473F

■ 474746

Harmonies

Analogous

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



593E05



3F4706



1C4D1C

Triad

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



3F4706



004E6D



70294E

Complementary

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



3F4706



0E0647

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.



5B3367



3F4706



00497A

Square

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



3F4706



005055



303F78



752931

Rectangle

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



3F4706



004F2E



303F78



6B2B57

Sweetspot

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



3F4706



595C43



470E06



2C2E1F



ADADAD



2E2E2E

Same Dimension

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



3F4706



515C00



1F4706



232420



576300



C7E300

Inverse Universe

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



0E0647



0B005C



2E0647



212024



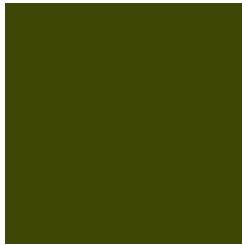
0C0063



1C00E3

Previews

White Background



This preview shows how the Hex color 3F4706 looks on a white background.

Color Contrast Check

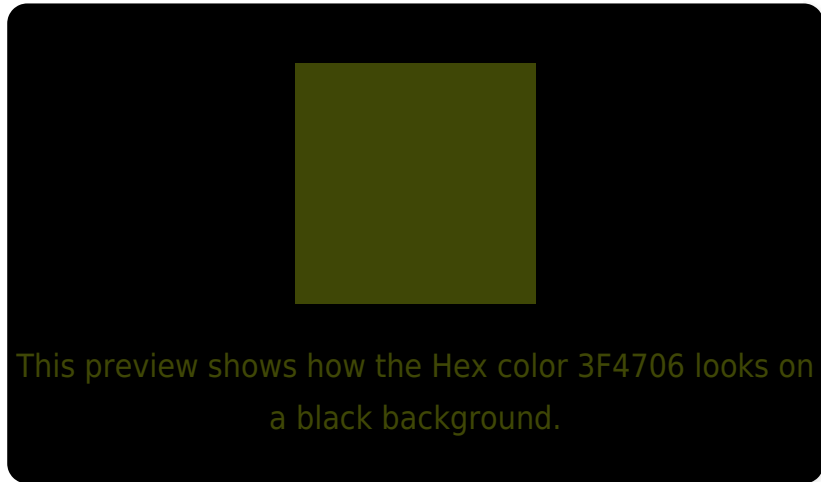
Large Text (above 18pt) WCAG AA ✓ Pass

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

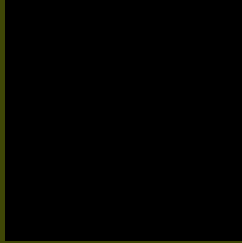
Any Text WCAG AA × Fail

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 3F4706 Background



This preview shows how black text looks on a background with the Hex color 3F4706.



This preview shows how white text looks on a background with the Hex color 3F4706.

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
3F4706

Protanopia
4B4304

Deuteranopia
543F0D



Tritanopia
444247

Trichromacy



Original Color
3F4706

Protanomaly
474405

Deuteranomaly
4C420A

Tritanomaly
42442F

Monochromacy



Original Color
3F4706

Achromatopsia
3D3D3D

Achromatomaly
3E4129

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4706 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 #3F4706 looks like.

```
.text, #text, p{  
    color:#3F4706  
}
```

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 #3F4706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4706
}
```

Border

The CSS property to change the border of an element to Hex 3F4706 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".

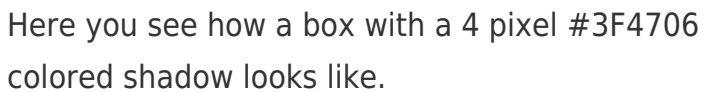
```
.border, #border, table{ border:4px solid
#3F4706 }
```

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

```
.border{ border-color:#3F4706 }
```

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

Here you see how a box with a 4 pixel #3F4706 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4706; -webkit-box-shadow:4px 4px  
4px 4px #3F4706; box-shadow:4px 4px 4px  
4px #3F4706 }
```

Background

The CSS property to change the background color of an element to Hex 3F4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4706 }
```

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

```
.background{ background-color:#3F4706 }
```

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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