

# Converting Colors

Hex(3F4414)

Have a look what the booklet for  
Hex(3F4414) contains.

<b>Hex(3F4414)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3F4414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4414
RGB	63, 68, 20
RGB Percent	25%, 27%, 8%
CMY	0.7529, 0.7333, 0.9216
CMYK	0.07, 0.00, 0.71, 0.73
HSL	66°, 55%, 17%
HSV	66°, 71%, 27%
XYZ	4.2433, 5.2415, 1.4499
YIQ	61.0330, 12.4280, -15.9880

# Conversions

## Conversions Part 2

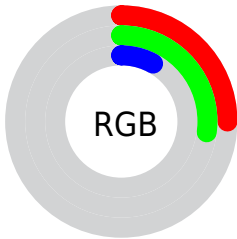
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 68, 25
Decimal	4146196
CIELab	27.41, -9.75, 27.44
CIELCh	27, 29.123, 109.552
Yxy	5.2415, 0.3881, 0.4793
Android (android.graphics.Color)	4282336276 (0xFF3F4414)
YUV	61.0330, -20.2293, 1.7251
Hunter-Lab	22.8944, -6.9815, 12.2712

# Details

The Hex color **3F4414** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **191444**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **707441**, and **0F1A00** is the 20% darker color. If you saturate the color by 10%, you get **3E440D**, and if you desaturate by 10%, it is **40441B**.

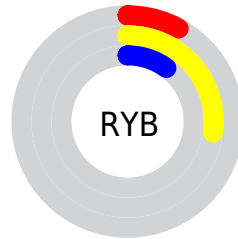
# Distribution



 Red (25%)

 Green (27%)

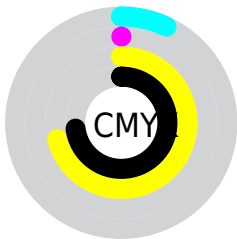
 Blue (8%)




 Red (8%)

 Yellow (27%)

 Blue (10%)

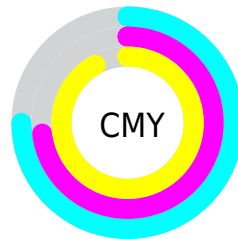


 Cyan (7%)

 Magenta (0%)

 Yellow (71%)

 Black (73%)



 Cyan (75%)

 Magenta (73%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4414 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 3F4414 by changing the saturation by 10% instead.





3F4414



3F4414



FFFFFFB



292E00



707441



0F1A00



8A8E59



000000



A5A872



C0C38C



DDDA7



F9FCC2



FFFFDE



3F4414



3F4414

■ 3E440D

■ 40441B

■ 3E4406

■ 404422

■ 3D4400

■ 414428

■ 42442F

■ 434436

■ 43443D

■ 444444

■ 45444A

■ 454451

# Harmonies

## Analogous

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



543D13



3F4414



254923

# Triad

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



3F4414



004A62



662E4A

# Complementary

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



3F4414



191444

# 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.



54355E



3F4414



00456C

# Square

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



3F4414



004C4F



343E6B



6A2E33

# Rectangle

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



3F4414



064B30



343E6B



613051



# Sweetspot

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



3F4414



575947



441914



2D2E22



ADADAD



2E2E2E



# Same Dimension

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



3F4414



51590D



274414



21211E



576100



C9E000



# Inverse Universe

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



191444



150D59



311444



1E1E21



0A0061



1700E0



# Previews

## White Background



This preview shows how the Hex color 3F4414 looks on a white background.

## Color Contrast Check

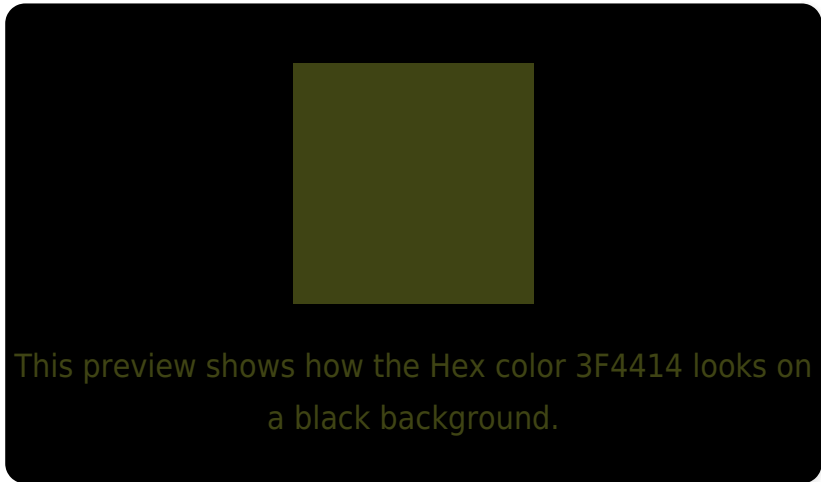
Large Text (above 18pt) WCAG AA ✓ Pass

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

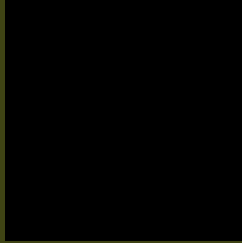
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F4414 Background



This preview shows how black text looks on a background with the Hex color 3F4414.



This preview shows how white text looks on a background with the Hex color 3F4414.

# 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**

3F4414

**Protanopia**

494113

**Deuteranopia**

513E16



**Tritanopia**  
443F44

# Trichromacy



**Original Color**  
3F4414

**Protanomaly**  
454213

**Deuteranomaly**  
4A4015

**Tritanomaly**  
424133

# Monochromacy



**Original Color**  
3F4414

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3E402E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4414 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 #3F4414 looks like.

```
.text, #text, p{  
    color:#3F4414  
}
```

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 #3F4414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4414
}
```

## Border

The CSS property to change the border of an element to Hex 3F4414 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
#3F4414 }
```

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

```
.border{ border-color:#3F4414 }
```

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

Here you see how a box with a 4 pixel #3F4414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4414; -webkit-box-shadow:4px 4px  
4px 4px #3F4414; box-shadow:4px 4px 4px  
4px #3F4414 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4414 }
```

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

```
.background{ background-color:#3F4414 }
```

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