

# Converting Colors

Hex(3B4410)

Have a look what the booklet for  
Hex(3B4410) contains.

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**Color**

**Hex(3B4410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B4410
RGB	59, 68, 16
RGB Percent	23%, 27%, 6%
CMY	0.7686, 0.7333, 0.9373
CMYK	0.13, 0.00, 0.76, 0.73
HSL	70°, 62%, 16%
HSV	70°, 76%, 27%
XYZ	3.9643, 5.1015, 1.2660
YIQ	59.3810, 11.3280, -18.0800

# Conversions

## Conversions Part 2

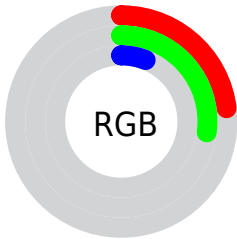
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 68, 25
Decimal	3884048
CIELab	27.02, -12.04, 28.87
CIELCh	27, 31.277, 112.642
Yxy	5.1015, 0.3837, 0.4938
Android (android.graphics.Color)	4282074128 (0xFF3B4410)
YUV	59.3810, -21.3868, -0.3341
Hunter-Lab	22.5864, -8.1966, 12.4873

# Details

The Hex color **3B4410** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **191044**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6C743E**, and **081A00** is the 20% darker color. If you saturate the color by 10%, you get **3A4409**, and if you desaturate by 10%, it is **3C4417**.

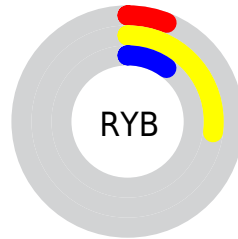
# Distribution



Red (23%)

Green (27%)

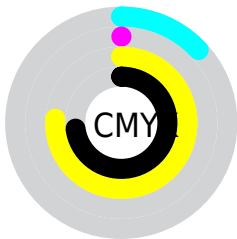
Blue (6%)



Red (6%)

Yellow (27%)

Blue (10%)

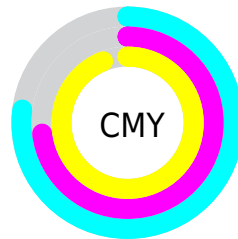


Cyan (13%)

Magenta (0%)

Yellow (76%)

Black (73%)



Cyan (77%)

Magenta (73%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B4410 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 3B4410 by changing the saturation by 10% instead.



 3B4410

 3B4410

 FFFFF7

 252E00

 6C743E

 081A00

 868E56

 000000

 A1A86E

 BCC388

 D8DFA3

 F5FCBE

 FFFFFDA

 3B4410

 3B4410

■ 3A4409

■ 3C4417

■ 394402

■ 3D441E

■ 384400

■ 3F4424

■ 40442B

■ 414432

■ 424439

■ 434440

■ 444446

■ 46444D

# Harmonies

## Analogous

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



523D0D



3B4410



1D4921

# Triad

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



3B4410



004965



682B47

# Complementary

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



3B4410



191044

# 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.



57325D



3B4410



00446F

# Square

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



3B4410



004B52



363C6C



6B2B2F

# Rectangle

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



3B4410



004B31



363C6C



642C4F



# Sweetspot

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



3B4410



565945



441910



2C2E21



ADADAD



2E2E2E



# Same Dimension

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



3B4410



4B5907



214410



21211E



506100



BAE000



# Inverse Universe

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



191044



150759



331044



1E1E21



110061

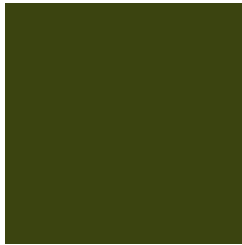


2700E0



# Previews

## White Background



This preview shows how the Hex color 3B4410 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

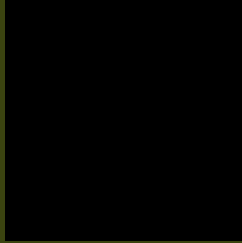
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B4410 Background



This preview shows how black text looks on a background with the Hex color 3B4410.



This preview shows how white text looks on a background with the Hex color 3B4410.

# 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**  
3B4410

**Protanopia**  
48400F

**Deuteranopia**  
503D13



**Tritanopia**  
403F44

# Trichromacy



**Original Color**  
3B4410

**Protanomaly**  
43410F

**Deuteranomaly**  
484012

**Tritanomaly**  
3E4131

# Monochromacy



**Original Color**  
3B4410

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3B3E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B4410 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 #3B4410 looks like.

```
.text, #text, p{  
    color:#3B4410  
}
```

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 #3B4410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4410
}
```

## Border

The CSS property to change the border of an element to Hex 3B4410 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
#3B4410 }
```

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

```
.border{ border-color:#3B4410 }
```

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

Here you see how a box with a 4 pixel #3B4410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4410; -webkit-box-shadow:4px 4px  
4px 4px #3B4410; box-shadow:4px 4px 4px  
4px #3B4410 }
```

# Background

The CSS property to change the background color of an element to Hex 3B4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4410 }
```

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

```
.background{ background-color:#3B4410 }
```

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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