

Converting Colors

Hex(3B5416)

Have a look what the booklet for
Hex(3B5416) contains.

Hex(3B5416)	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(3B5416)

Conversions

Conversions Part 1

Format	Color
Hex	3B5416
RGB	59, 84, 22
RGB Percent	23%, 33%, 9%
CMY	0.7686, 0.6706, 0.9137
CMYK	0.30, 0.00, 0.74, 0.67
HSL	84°, 58%, 21%
HSV	84°, 74%, 33%
XYZ	5.1188, 7.3284, 1.9038
YIQ	69.4570, 5.0020, -24.5820

Conversions

Conversions Part 2

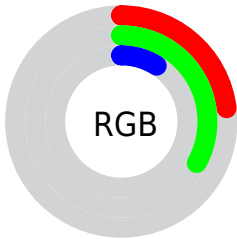
Format	Color
R_YB	22, 84, 47
Decimal	3888150
CIE Lab	32.54, -20.42, 31.79
CIE LCh	33, 37.778, 122.716
Yxy	7.3284, 0.3567, 0.5107
Android (android.graphics.Color)	4282078230 (0xFF3B5416)
YUV	69.4570, -23.3963, -9.1708
Hunter-Lab	27.0710, -13.6222, 14.7801

Details

The Hex color **3B5416** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2F1654**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6D8645**, and **0C2700** is the 20% darker color. If you saturate the color by 10%, you get **38540E**, and if you desaturate by 10%, it is **3E541E**.

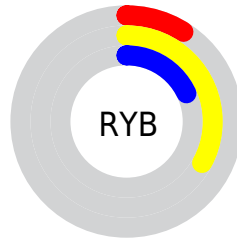
Distribution



Red (23%)

Green (33%)

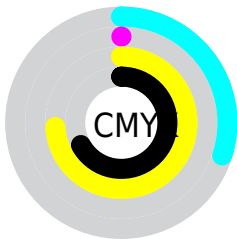
Blue (9%)



Red (9%)

Yellow (33%)

Blue (18%)

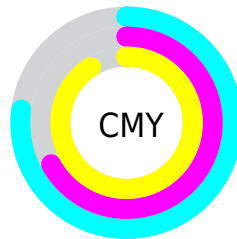


Cyan (30%)

Magenta (0%)

Yellow (74%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5416 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 3B5416 by changing the saturation by 10% instead.

 3B5416

 3B5416

FFFFFF

 243D00

 6D8645

 0C2700

 87A05D

 001000

 A1BB77

 000000

 BDD791

 D9F3AC

 F6FFC7

 FFFF E3

 3B5416

 3B5416

■ 38540E

■ 3E541E

■ 345405

■ 425427

■ 325400

■ 45542F

■ 495438

■ 4C5440

■ 4F5448

■ 535451

■ 565459

■ 595462

Harmonies

Analogous

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



594C09



3B5416



045930

Triad

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



3B5416



005781



81304B

Complementary

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



3B5416



2F1654

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.



733768



3B5416



004F88

Square

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



3B5416



005A6C



51437F



80352E

Rectangle

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



3B5416



005A44



51437F



7E3155

Sweetspot

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



3B5416



646E56



542F16



32382A



B8B8B8



383838

Same Dimension

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



3B5416



466E0C



1C5416



272925



3E6900



8AE800

Inverse Universe

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



2F1654



330C6E



4E1654



262529



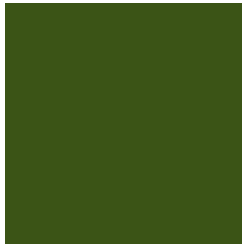
2A0069



5E00E8

Previews

White Background



This preview shows how the Hex color 3B5416 looks on a white background.

Color Contrast Check

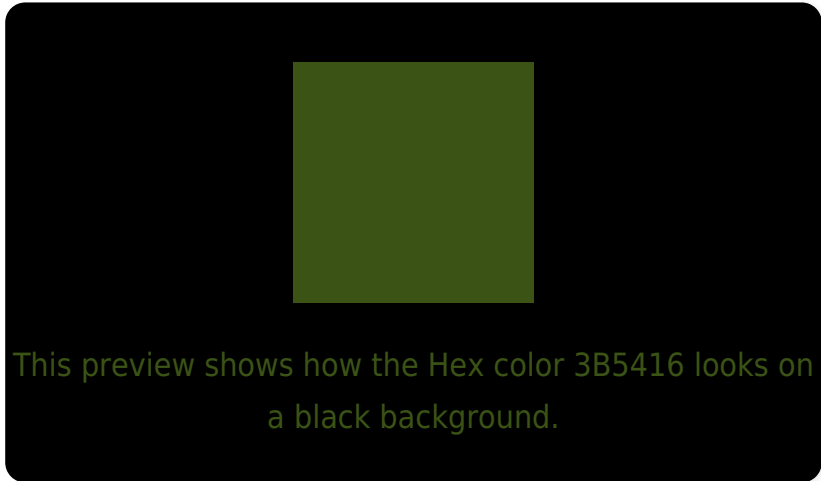
Large Text (above 18pt) WCAG AA ✓ Pass

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

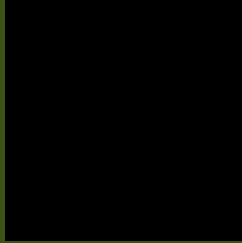
Any Text WCAG AA × Fail

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 3B5416 Background



This preview shows how black text looks on a background with the Hex color 3B5416.



This preview shows how white text looks on a background with the Hex color 3B5416.

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
3B5416

Protanopia
564D14

Deuteranopia
5F491B



Tritanopia
434E55

Trichromacy



Original Color
3B5416

Protanomaly
4C5015

Deuteranomaly
524D19

Tritanomaly
40503E

Monochromacy



Original Color
3B5416

Achromatopsia
454545

Achromatomaly
414A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5416 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 #3B5416 looks like.

```
.text, #text, p{  
    color:#3B5416  
}
```

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 #3B5416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5416
}
```

Border

The CSS property to change the border of an element to Hex 3B5416 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
#3B5416 }
```

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

```
.border{ border-color:#3B5416 }
```

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

Here you see how a box with a 4 pixel #3B5416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5416; -webkit-box-shadow:4px 4px  
4px 4px #3B5416; box-shadow:4px 4px 4px  
4px #3B5416 }
```

Background

The CSS property to change the background color of an element to Hex 3B5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5416 }
```

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

```
.background{ background-color:#3B5416 }
```

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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