

Converting Colors

Hex(3B4735)

Have a look what the booklet for
Hex(3B4735) contains.

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Color

Hex(3B4735)

Conversions

Conversions Part 1

Format	Color
Hex	3B4735
RGB	59, 71, 53
RGB Percent	23%, 28%, 21%
CMY	0.7686, 0.7216, 0.7922
CMYK	0.17, 0.00, 0.25, 0.72
HSL	100°, 15%, 24%
HSV	100°, 25%, 28%
XYZ	4.6995, 5.6933, 4.2194
YIQ	65.3600, -1.3740, -8.1420

Conversions

Conversions Part 2

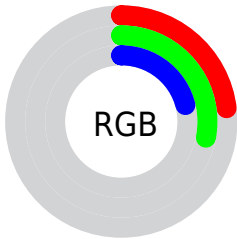
Format	Color
RYB	53, 71, 65
Decimal	3884853
CIELab	28.63, -8.83, 9.26
CIElCh	29, 12.798, 133.651
Yxy	5.6933, 0.3216, 0.3896
Android (android.graphics.Color)	4282074933 (0xFF3B4735)
YUV	65.3600, -6.0935, -5.5777
Hunter-Lab	23.8607, -6.5998, 6.2180

Details

The Hex color **3B4735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **413547**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6A7764**, and **111C09** is the 20% darker color. If you saturate the color by 10%, you get **36472E**, and if you desaturate by 10%, it is **40473C**.

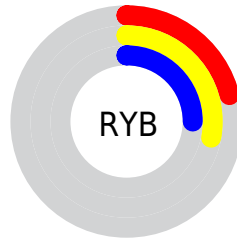
Distribution



Red (23%)

Green (28%)

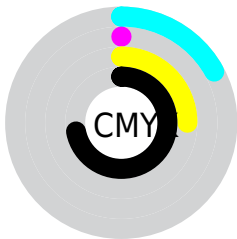
Blue (21%)



Red (21%)

Yellow (28%)

Blue (25%)

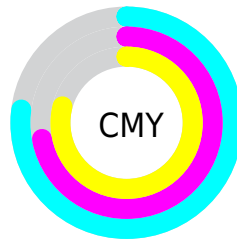


Cyan (17%)

Magenta (0%)

Yellow (25%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4735 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 3B4735 by changing the saturation by 10% instead.

■ 3B4735

■ 3B4735

FFFFFF

■ 253120

■ 6A7764

■ 111C09

■ 84917D

■ 000000

■ 9EAC96

■ B9C7B1

■ D4E3CD

■ F1FFE9

■ 3B4735

■ 3B4735

■ 36472E

■ 40473C

■ 324727

■ 444743

■ 2D4720

■ 49474A

■ 284719

■ 4E4751

■ 234712

■ 534759

■ 1F470A

■ 574760

■ 1A4703

■ 5C4767

■ 184700

■ 61476E

■ 664775

Harmonies

Analogous

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



464430



3B4735



30493E

Triad

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



3B4735



304656



583C3F

Complementary

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



3B4735



413547

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.



543D49



3B4735



3E4357

Square

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



3B4735



284851



4B3F52



563E36

Rectangle

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



3B4735



2A4944



4B3F52



573C43

Sweetspot

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



3B4735



575C54



474135



2B2E29



ADADAD



2E2E2E

Same Dimension

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



3B4735



495C40



354738



212420



216300



4CE300

Inverse Universe

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



413547



53405C



473544



232024



420063



9700E3

Previews

White Background



This preview shows how the Hex color 3B4735 looks on a white background.

Color Contrast Check

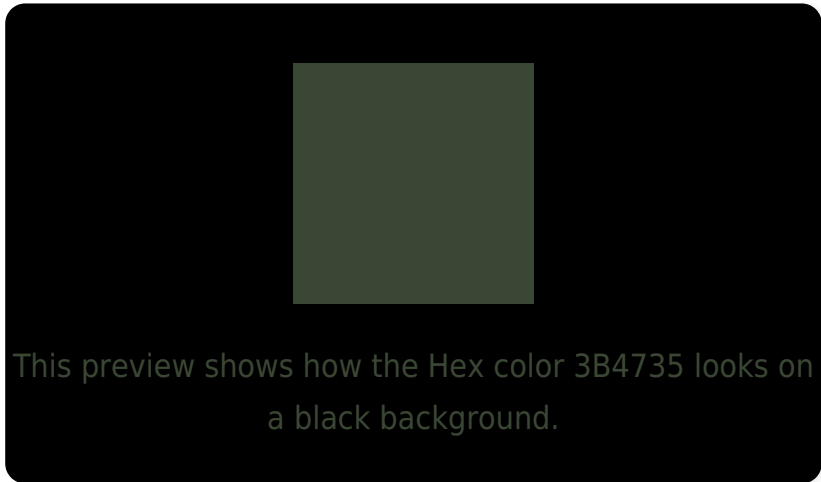
Large Text (above 18pt) WCAG AA ✓ Pass

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

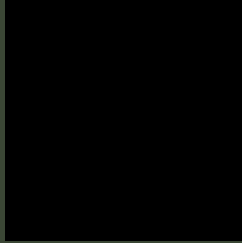
Any Text WCAG AA × Fail

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 3B4735 Background



This preview shows how black text looks on a background with the Hex color 3B4735.

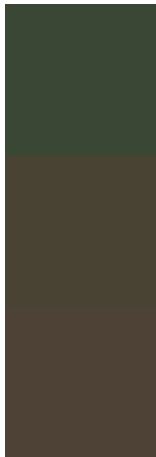


This preview shows how white text looks on a background with the Hex color 3B4735.

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
3B4735

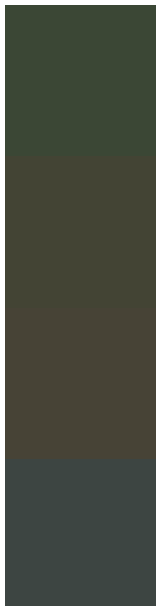
Protanopia
484333

Deuteranopia
4E4136



Tritanopia
3E444A

Trichromacy



Original Color

3B4735

Protanomaly

434434

Deuteranomaly

474336

Tritanomaly

3D4542

Monochromacy



Original Color

3B4735

Achromatopsia

414141

Achromatomaly

3F433D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4735 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 #3B4735 looks like.

```
.text, #text, p{  
    color:#3B4735  
}
```

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 #3B4735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4735
}
```

Border

The CSS property to change the border of an element to Hex 3B4735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

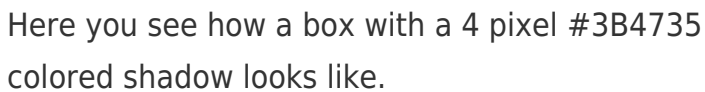
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4735 }
```

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

```
.border{ border-color:#3B4735 }
```

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



Here you see how a box with a 4 pixel #3B4735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4735; -webkit-box-shadow:4px 4px  
4px 4px #3B4735; box-shadow:4px 4px 4px  
4px #3B4735 }
```

Background

The CSS property to change the background color of an element to Hex 3B4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4735 }
```

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

```
.background{ background-color:#3B4735 }
```

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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