

Converting Colors

Hex(3B7354)

Have a look what the booklet for
Hex(3B7354) contains.

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Color

Hex(3B7354)

Conversions

Conversions Part 1

Format	Color
Hex	3B7354
RGB	59, 115, 84
RGB Percent	23%, 45%, 33%
CMY	0.7686, 0.5490, 0.6706
CMYK	0.49, 0.00, 0.27, 0.55
HSL	147°, 32%, 34%
HSV	147°, 49%, 45%
XYZ	9.5346, 13.8314, 10.5547
YIQ	94.7220, -23.4250, -21.5130

Conversions

Conversions Part 2

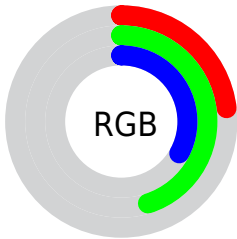
Format	Color
RYB	59, 98, 115
Decimal	3896148
CIELab	43.99, -26.26, 11.56
CIELCh	44, 28.687, 156.241
Yxy	13.8314, 0.2811, 0.4078
Android (android.graphics.Color)	4282086228 (0xFF3B7354)
YUV	94.7220, -5.2859, -31.3282
Hunter-Lab	37.1905, -19.3211, 9.2068

Details

The Hex color **3B7354** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733B5A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6EA786**, and **034227** is the 20% darker color. If you saturate the color by 10%, you get **30734E**, and if you desaturate by 10%, it is **47735A**.

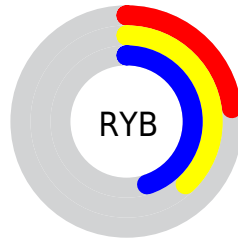
Distribution



Red (23%)

Green (45%)

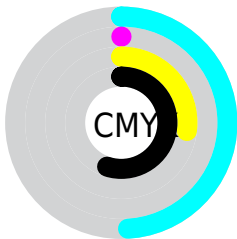
Blue (33%)



Red (23%)

Yellow (38%)

Blue (45%)

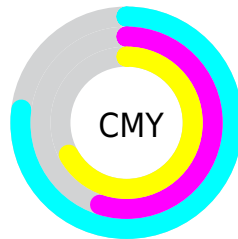


Cyan (49%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7354 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 3B7354 by changing the saturation by 10% instead.



3B7354



3B7354

FFFFFF



225A3D



6EA786



034227



88C3A0



002C12



A3DFBB



001600



BFFCD7



000000



DBFFF3



F8FFFF



3B7354



3B7354



30734E



47735A

■ 247347

■ 527361

■ 197341

■ 5E7367

■ 0D733B

■ 69736D

■ 027334

■ 757374

■ 007333

■ 80737A

■ 8C7381

■ 977387

■ A3738D

Harmonies

Analogous

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



596F41



3B7354



10756C

Triad

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



3B7354



4C6997



94584D

Complementary

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



3B7354



733B5A

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.



955564



3B7354



71608E

Square

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



3B7354



1B7093



8A587C



87603D

Rectangle

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



3B7354



00747C



8A587C



965754

Sweetspot

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



3B7354



80968A



5B733B



3F4D45



CCCCCC



4D4D4D

Same Dimension

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



3B7354



3F9666



3B736F



353B37



007A37



00FA70

Inverse Universe

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



733B5A



963F6F



733B3F



3B3538



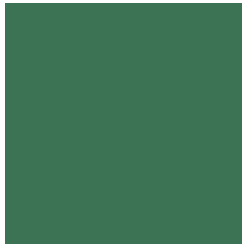
7A0044



FA008A

Previews

White Background



This preview shows how the Hex color 3B7354 looks on a white background.

Color Contrast Check

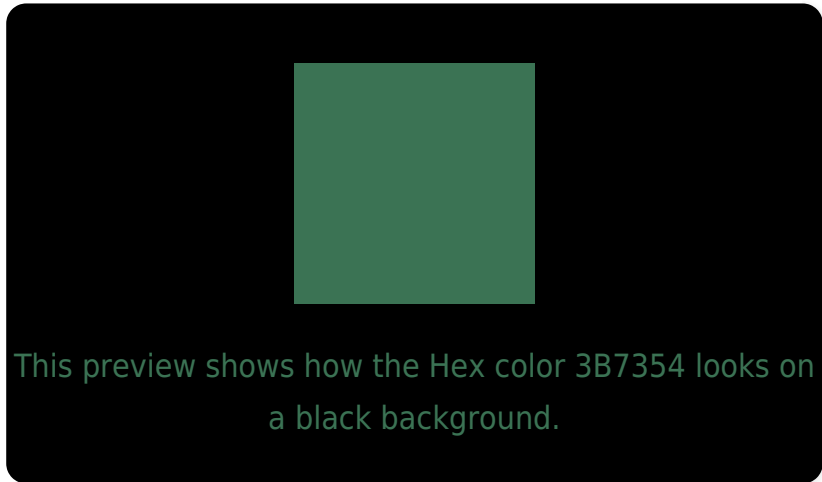
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

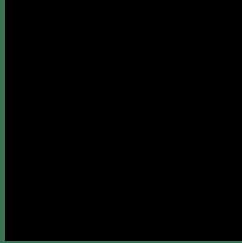
Any Text WCAG AA × Fail

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 3B7354 Background



This preview shows how black text looks on a background with the Hex color 3B7354.



This preview shows how white text looks on a background with the Hex color 3B7354.

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
3B7354

Protanopia
6F674F

Deuteranopia
776457



Tritanopia
446E77

Trichromacy



Original Color
3B7354

Protanomaly
5C6B51

Deuteranomaly
616956

Tritanomaly
41706A

Monochromacy



Original Color
3B7354

Achromatopsia
5F5F5F

Achromatomaly
52665B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7354 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 #3B7354 looks like.

```
.text, #text, p{  
    color:#3B7354  
}
```

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 #3B7354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7354
}
```

Border

The CSS property to change the border of an element to Hex 3B7354 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
#3B7354 }
```

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

```
.border{ border-color:#3B7354 }
```

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

Here you see how a box with a 4 pixel #3B7354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7354; -webkit-box-shadow:4px 4px  
4px 4px #3B7354; box-shadow:4px 4px 4px  
4px #3B7354 }
```

Background

The CSS property to change the background color of an element to Hex 3B7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7354 }
```

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

```
.background{ background-color:#3B7354 }
```

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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