

# Converting Colors

Hex(3B7E54)

Have a look what the booklet for  
Hex(3B7E54) contains.

<b>Hex(3B7E54)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3B7E54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B7E54
RGB	59, 126, 84
RGB Percent	23%, 49%, 33%
CMY	0.7686, 0.5059, 0.6706
CMYK	0.53, 0.00, 0.33, 0.51
HSL	142°, 36%, 36%
HSV	142°, 53%, 49%
XYZ	10.8647, 16.4916, 10.9981
YIQ	101.1790, -26.4500, -27.2660

# Conversions

## Conversions Part 2

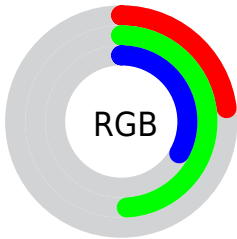
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 108, 126
Decimal	3898964
CIELab	47.61, -31.53, 16.53
CIELCh	48, 35.607, 152.330
Yxy	16.4916, 0.2833, 0.4300
Android (android.graphics.Color)	4282089044 (0xFF3B7E54)
YUV	101.1790, -8.4692, -36.9910
Hunter-Lab	40.6099, -23.3116, 12.3698

# Details

The Hex color **3B7E54** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7E3B65**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6FB386**, and **004C26** is the 20% darker color. If you saturate the color by 10%, you get **2E7E4C**, and if you desaturate by 10%, it is **487E5C**.

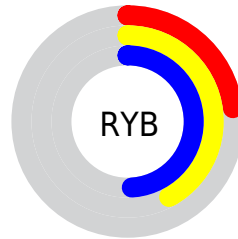
# Distribution



Red (23%)

Green (49%)

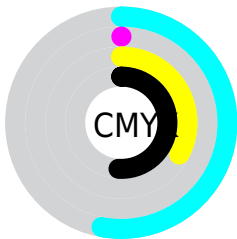
Blue (33%)



Red (23%)

Yellow (42%)

Blue (49%)

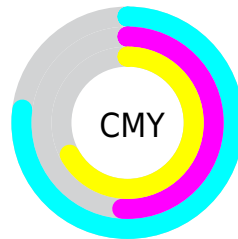


Cyan (53%)

Magenta (0%)

Yellow (33%)

Black (51%)



Cyan (77%)

Magenta (51%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B7E54 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 3B7E54 by changing the saturation by 10% instead.





3B7E54



3B7E54

FFFFFF



20653D



6FB386



004C26



8ACFA0



003512



A5EBBB



002100



C1FFD7



000000



DEFFF3



FBFFFF



3B7E54



3B7E54



2E7E4C



487E5C

■ 227E44

■ 547E64

■ 157E3C

■ 617E6C

■ 097E34

■ 6D7E74

■ 007E2F

■ 7A7E7B

■ 877E83

■ 937E8B

■ A07E93

■ AC7E9B

# Harmonies

## Analogous

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



62793D



3B7E54



008072

# Triad

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



3B7E54



4273AD



A85C52

# Complementary

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



3B7E54



7E3B65

# 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.



A85870



3B7E54



7668A4

# Square

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



3B7E54



007BA5



985D8D



99653C

# Rectangle

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



3B7E54



008087



985D8D



AA595C



# Sweetspot

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



3B7E54



89A393



657E3B



425248



D1D1D1



525252



# Same Dimension

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



3B7E54



3BA362



3B7E75



39403C



008030



000000



# Inverse Universe

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



7E3B65



A33B7C



7E3B44



40393D



800050



000000



# Previews

## White Background



This preview shows how the Hex color 3B7E54 looks on a white background.

## Color Contrast Check

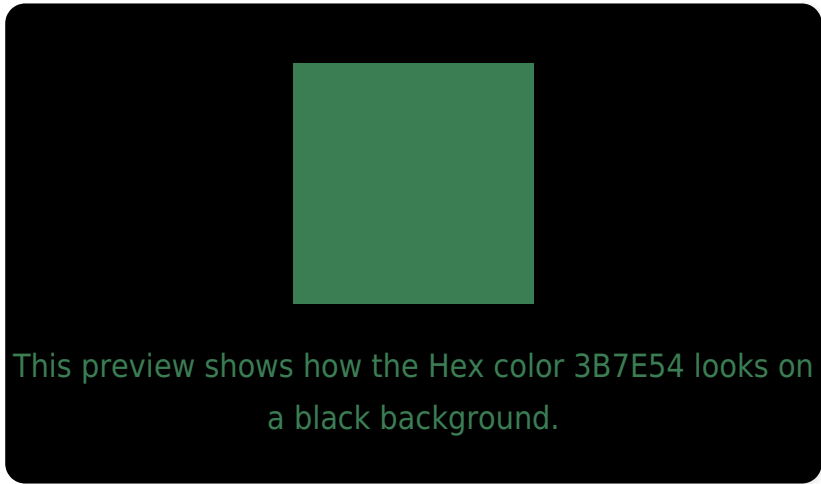
Large Text (above 18pt) WCAG AA ✓ Pass

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

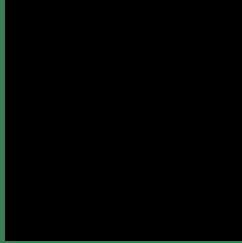
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B7E54 Background



This preview shows how black text looks on a background with the Hex color 3B7E54.



This preview shows how white text looks on a background with the Hex color 3B7E54.

# 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**  
3B7E54

**Protanopia**  
79704E

**Deuteranopia**  
836C58



**Tritanopia**  
477882

# Trichromacy



**Original Color**  
3B7E54

**Protanomaly**  
627550

**Deuteranomaly**  
697357

**Tritanomaly**  
437A71

# Monochromacy



**Original Color**  
3B7E54

**Achromatopsia**  
656565

**Achromatomaly**  
566E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B7E54 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 #3B7E54 looks like.

```
.text, #text, p{  
    color:#3B7E54  
}
```

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 #3B7E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7E54
}
```

## Border

The CSS property to change the border of an element to Hex 3B7E54 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
#3B7E54 }
```

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

```
.border{ border-color:#3B7E54 }
```

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

Here you see how a box with a 4 pixel #3B7E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7E54; -webkit-box-shadow:4px 4px  
4px 4px #3B7E54; box-shadow:4px 4px 4px  
4px #3B7E54 }
```

# Background

The CSS property to change the background color of an element to Hex 3B7E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7E54 }
```

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

```
.background{ background-color:#3B7E54 }
```

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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