

# Converting Colors

Hex(3B684E)

Have a look what the booklet for  
Hex(3B684E) contains.

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# Color

**Hex(3B684E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B684E
RGB	59, 104, 78
RGB Percent	23%, 41%, 31%
CMY	0.7686, 0.5922, 0.6941
CMYK	0.43, 0.00, 0.25, 0.59
HSL	145°, 28%, 32%
HSV	145°, 43%, 41%
XYZ	8.1291, 11.3805, 8.9759
YIQ	87.5810, -18.4740, -17.6260

# Conversions

## Conversions Part 2

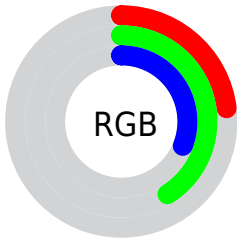
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 91, 104
Decimal	3893326
CIELab	40.21, -22.01, 9.88
CIElCh	40, 24.122, 155.828
Yxy	11.3805, 0.2854, 0.3995
Android (android.graphics.Color)	4282083406 (0xFF3B684E)
YUV	87.5810, -4.7234, -25.0655
Hunter-Lab	33.7350, -16.0232, 7.8391

# Details

The Hex color **3B684E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683B55**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6D9B7F**, and **093822** is the 20% darker color. If you saturate the color by 10%, you get **316848**, and if you desaturate by 10%, it is **456854**.

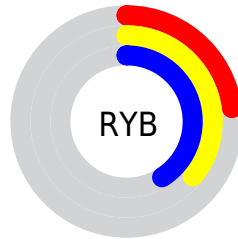
# Distribution



 Red (23%)

 Green (41%)

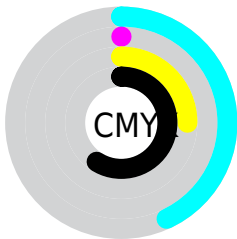
 Blue (31%)




 Red (23%)

 Yellow (36%)

 Blue (41%)

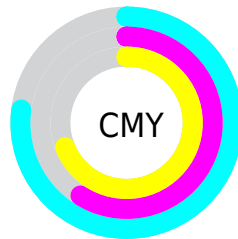


 Cyan (43%)


 Magenta (0%)

 Yellow (25%)

 Black (59%)



 Cyan (77%)

 Magenta (59%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B684E 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 3B684E by changing the saturation by 10% instead.





3B684E



3B684E

FFFFFF



235037



6D9B7F



093822



87B699



00230C



A1D2B4



000100



BDEFCE



000000



D9FFEC



F5FFFF



3B684E



3B684E



316848



456854

■ 266842

■ 50685A

■ 1C683C

■ 5A6860

■ 116836

■ 656866

■ 076830

■ 6F686C

■ 00682C

■ 796872

■ 846878

■ 8E687E

■ 996884

# Harmonies

## Analogous

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



53643E



3B684E



216962

# Triad

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



3B684E



495F86



845249

# Complementary

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



3B684E



683B55

# 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.



854F5C



3B684E



66587F

# Square

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



3B684E



276582



7B526F



79583B

# Rectangle

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



3B684E



11696F



7B526F



85514F



# Sweetspot

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



3B684E



76877D



55683B



3A453E



C4C4C4



454545



# Same Dimension

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



3B684E



41875F



3B6864



2E3330



007330



00F266



# Inverse Universe

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



683B55



874169



683B3F



332E31



730042



F2008C



# Previews

## White Background



This preview shows how the Hex color 3B684E looks on a white background.

## Color Contrast Check

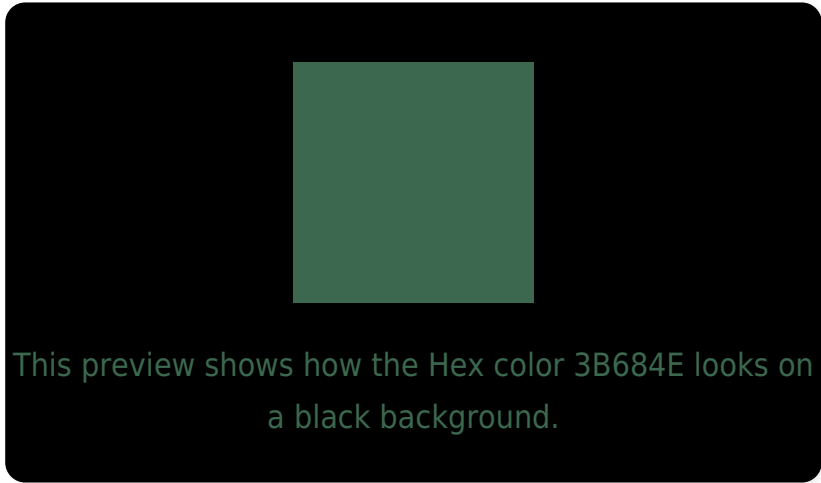
Large Text (above 18pt) WCAG AA ✓ Pass

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

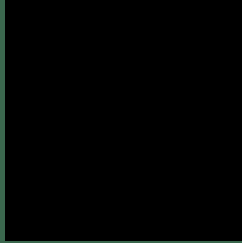
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B684E Background



This preview shows how black text looks on a background with the Hex color 3B684E.



This preview shows how white text looks on a background with the Hex color 3B684E.

# 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**  
3B684E

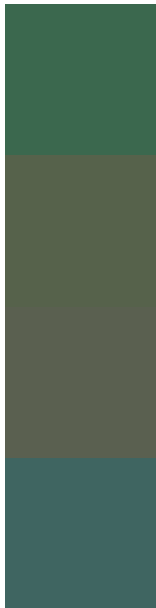
**Protanopia**  
655E49

**Deuteranopia**  
6C5B51



**Tritanopia**  
42646C

# Trichromacy



**Original Color**  
3B684E

**Protanomaly**  
56624B

**Deuteranomaly**  
5A6050

**Tritanomaly**  
3F6561

# Monochromacy



**Original Color**  
3B684E

**Achromatopsia**  
585858

**Achromatomaly**  
4D5E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B684E 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 #3B684E looks like.

```
.text, #text, p{  
    color:#3B684E  
}
```

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 #3B684E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B684E
}
```

## Border

The CSS property to change the border of an element to Hex 3B684E 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".

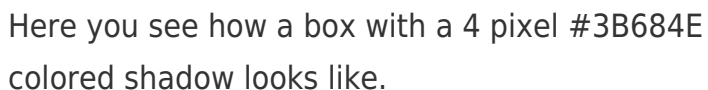
```
.border, #border, table{ border:4px solid
#3B684E }
```

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

```
.border{ border-color:#3B684E }
```

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

Here you see how a box with a 4 pixel #3B684E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B684E; -webkit-box-shadow:4px 4px  
4px 4px #3B684E; box-shadow:4px 4px 4px  
4px #3B684E }
```

# Background

The CSS property to change the background color of an element to Hex 3B684E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B684E }
```

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

```
.background{ background-color:#3B684E }
```

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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