

# Converting Colors

Hex(3B5E4C)

Have a look what the booklet for  
Hex(3B5E4C) contains.

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# Color

Hex(3B5E4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B5E4C
RGB	59, 94, 76
RGB Percent	23%, 37%, 30%
CMY	0.7686, 0.6314, 0.7020
CMYK	0.37, 0.00, 0.19, 0.63
HSL	149°, 23%, 30%
HSV	149°, 37%, 37%
XYZ	7.1108, 9.4570, 8.2881
YIQ	81.4830, -15.0820, -13.0180

# Conversions

## Conversions Part 2

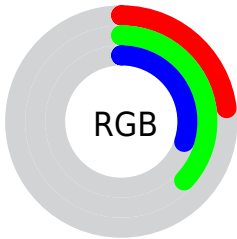
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 83, 94
Decimal	3890764
CIELab	36.85, -17.12, 6.36
CIELCh	37, 18.260, 159.618
Yxy	9.4570, 0.2861, 0.3805
Android (android.graphics.Color)	4282080844 (0xFF3B5E4C)
YUV	81.4830, -2.7031, -19.7176
Hunter-Lab	30.7523, -12.5419, 5.5473

# Details

The Hex color **3B5E4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3B4D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C917D**, and **0D3020** is the 20% darker color. If you saturate the color by 10%, you get **325E47**, and if you desaturate by 10%, it is **445E51**.

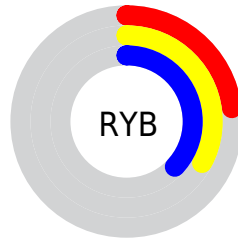
# Distribution



 Red (23%)

 Green (37%)

 Blue (30%)




 Red (23%)

 Yellow (33%)

 Blue (37%)

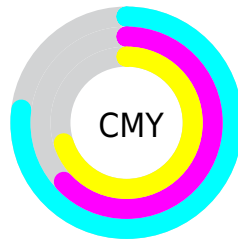


 Cyan (37%)

 Magenta (0%)

 Yellow (19%)

 Black (63%)



 Cyan (77%)

 Magenta (63%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5E4C 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 3B5E4C by changing the saturation by 10% instead.





3B5E4C



3B5E4C

FFFFFF



244635



6C917D



0D3020



85AB97



001C09



A0C7B1



000000



BBE3CD



D7FFE9



F4FFFF



3B5E4C



3B5E4C



325E47



445E51

■ 285E42

■ 4E5E56

■ 1F5E3D

■ 575E5B

■ 155E39

■ 615E5F

■ 0C5E34

■ 6A5E64

■ 035E2F

■ 735E69

■ 005E2E

■ 7D5E6E

■ 865E73

■ 905E78

# Harmonies

## Analogous

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



4C5B40



3B5E4C



2C5F5B

# Triad

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



3B5E4C



4B5673



724E45

# Complementary

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



3B5E4C



5E3B4D

# 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.



744C52



3B5E4C



5F516D

# Square

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



3B5E4C



355B72



6D4D61



6A523B

# Rectangle

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



3B5E4C



285E65



6D4D61



744D49



# Sweetspot

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



3B5E4C



6D7A73



4D5E3B



353D39



BDBDBD



3D3D3D



# Same Dimension

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



3B5E4C



437A5E



3B5E5D



292E2C



006E35



00ED73



# Inverse Universe

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



5E3B4D



7A4360



5E3B3C



2E292C



6E0038

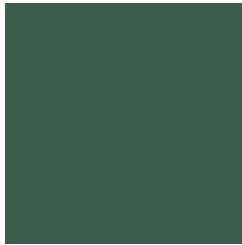


ED007A



# Previews

## White Background



This preview shows how the Hex color 3B5E4C looks on a white background.

## Color Contrast Check

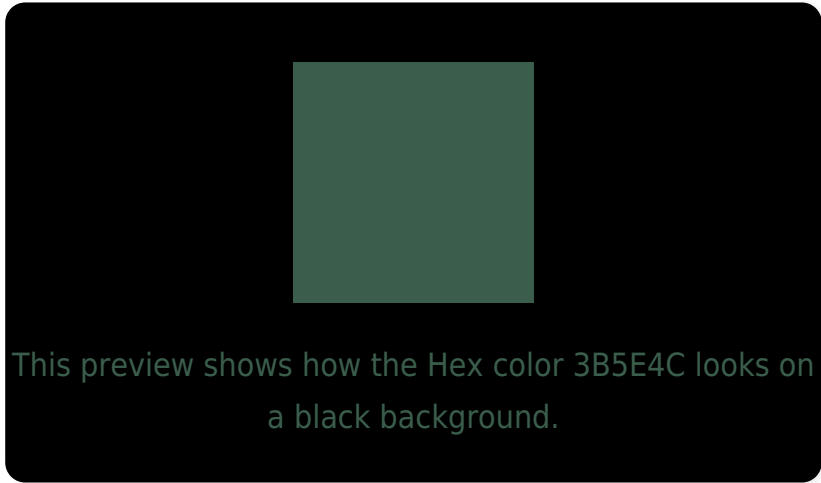
Large Text (above 18pt) WCAG AA ✓ Pass

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

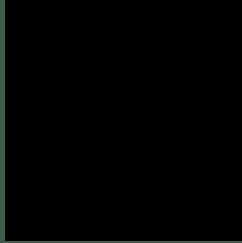
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B5E4C Background



This preview shows how black text looks on a background with the Hex color 3B5E4C.



This preview shows how white text looks on a background with the Hex color 3B5E4C.

# 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**  
3B5E4C

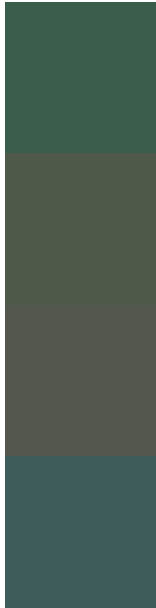
**Protanopia**  
5B5648

**Deuteranopia**  
62534E



**Tritanopia**  
405B62

# Trichromacy



**Original Color**  
3B5E4C

**Protanomaly**  
4F5949

**Deuteranomaly**  
54574D

**Tritanomaly**  
3E5C5A

# Monochromacy



**Original Color**  
3B5E4C

**Achromatopsia**  
515151

**Achromatomaly**  
49564F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5E4C 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 #3B5E4C looks like.

```
.text, #text, p{  
    color:#3B5E4C  
}
```

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 #3B5E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5E4C
}
```

## Border

The CSS property to change the border of an element to Hex 3B5E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

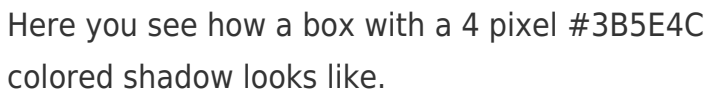
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B5E4C }
```

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

```
.border{ border-color:#3B5E4C }
```

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



Here you see how a box with a 4 pixel #3B5E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5E4C; -webkit-box-shadow:4px 4px  
4px 4px #3B5E4C; box-shadow:4px 4px 4px  
4px #3B5E4C }
```

# Background

The CSS property to change the background color of an element to Hex 3B5E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5E4C }
```

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

```
.background{ background-color:#3B5E4C }
```

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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