

# Converting Colors

Hex(3B5C47)

Have a look what the booklet for  
Hex(3B5C47) contains.

<b>Hex(3B5C47)</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(3B5C47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B5C47
RGB	59, 92, 71
RGB Percent	23%, 36%, 28%
CMY	0.7686, 0.6392, 0.7216
CMYK	0.36, 0.00, 0.23, 0.64
HSL	142°, 22%, 30%
HSV	142°, 36%, 36%
XYZ	6.7681, 9.0390, 7.3492
YIQ	79.7390, -12.9270, -13.5270

# Conversions

## Conversions Part 2

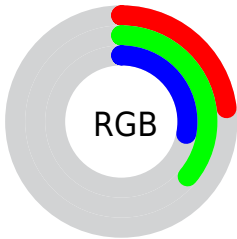
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 83, 92
Decimal	3890247
CIELab	36.06, -17.15, 8.33
CIELCh	36, 19.065, 154.104
Yxy	9.0390, 0.2923, 0.3903
Android (android.graphics.Color)	4282080327 (0xFF3B5C47)
YUV	79.7390, -4.3083, -18.1881
Hunter-Lab	30.0650, -12.4305, 6.5524

# Details

The Hex color **3B5C47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3B50**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6B8E77**, and **0E2E1C** is the 20% darker color. If you saturate the color by 10%, you get **325C41**, and if you desaturate by 10%, it is **445C4D**.

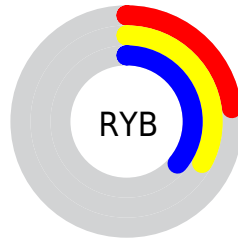
# Distribution



 Red (23%)

 Green (36%)

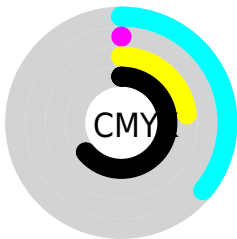
 Blue (28%)




 Red (23%)

 Yellow (33%)

 Blue (36%)

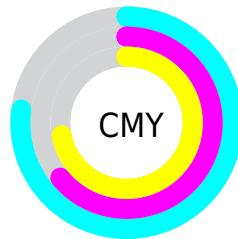


 Cyan (36%)


 Magenta (0%)

 Yellow (23%)

 Black (64%)



 Cyan (77%)

 Magenta (64%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5C47 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 3B5C47 by changing the saturation by 10% instead.



 3B5C47

 3B5C47

FFFFFF

 244431

 6B8E77

 0E2E1C

 85A991

 001A01

 A0C4AC

 000000

 BBE0C7

 D7FDE3

 F3FFFF

 3B5C47

 3B5C47

 325C41

 445C4D

■ 295C3B

■ 4D5C53

■ 1F5C35

■ 575C59

■ 165C30

■ 605C5E

■ 0D5C2A

■ 695C64

■ 045C24

■ 725C6A

■ 005C21

■ 7B5C70

■ 855C76

■ 8E5C7C

# Harmonies

## Analogous

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



4D593B



3B5C47



2A5D56

# Triad

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



3B5C47



445673



724B44

# Complementary

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



3B5C47



5C3B50

# 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.



724953



3B5C47



5A506E

# Square

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



3B5C47



2D5A70



6A4B62



6B4F3A

# Rectangle

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



3B5C47



235D61



6A4B62



734A49



# Sweetspot

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



3B5C47



6B786F



505C3B



353D38



BDBDBD



3D3D3D



# Same Dimension

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



3B5C47



447857



3B5C57



292E2B



006E28



00ED56



# Inverse Universe

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



5C3B50



784465



5C3B40



2E292C



6E0046

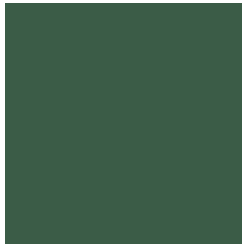


ED0097



# Previews

## White Background



This preview shows how the Hex color 3B5C47 looks on a white background.

## Color Contrast Check

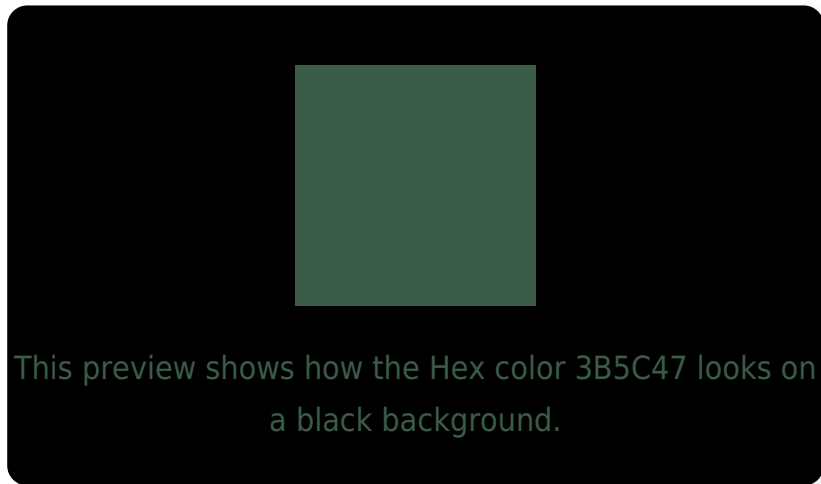
Large Text (above 18pt) WCAG AA ✓ Pass

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

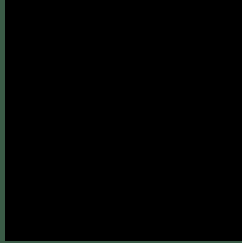
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B5C47 Background



This preview shows how black text looks on a background with the Hex color 3B5C47.



This preview shows how white text looks on a background with the Hex color 3B5C47.

# 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**  
3B5C47

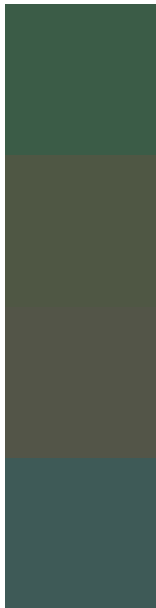
**Protanopia**  
5A5443

**Deuteranopia**  
615149



**Tritanopia**  
405960

# Trichromacy



**Original Color**  
3B5C47

**Protanomaly**  
4F5744

**Deuteranomaly**  
535548

**Tritanomaly**  
3E5A57

# Monochromacy



**Original Color**  
3B5C47

**Achromatopsia**  
505050

**Achromatomaly**  
48544D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5C47 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 #3B5C47 looks like.

```
.text, #text, p{  
    color:#3B5C47  
}
```

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 #3B5C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5C47
}
```

## Border

The CSS property to change the border of an element to Hex 3B5C47 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
#3B5C47 }
```

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

```
.border{ border-color:#3B5C47 }
```

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

Here you see how a box with a 4 pixel #3B5C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5C47; -webkit-box-shadow:4px 4px  
4px 4px #3B5C47; box-shadow:4px 4px 4px  
4px #3B5C47 }
```

# Background

The CSS property to change the background color of an element to Hex 3B5C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5C47 }
```

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

```
.background{ background-color:#3B5C47 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor