

# Converting Colors

Hex(3B5F46)

Have a look what the booklet for  
Hex(3B5F46) contains.

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# Color

**Hex(3B5F46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B5F46
RGB	59, 95, 70
RGB Percent	23%, 37%, 27%
CMY	0.7686, 0.6275, 0.7255
CMYK	0.38, 0.00, 0.26, 0.63
HSL	138°, 23%, 30%
HSV	138°, 38%, 37%
XYZ	7.0013, 9.5564, 7.2699
YIQ	81.3860, -13.4310, -15.4070

# Conversions

## Conversions Part 2

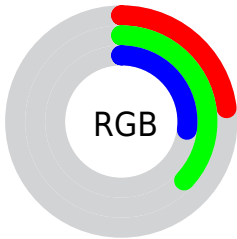
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 87, 95
Decimal	3891014
CIE Lab	37.03, -19.00, 10.30
CIE LCh	37, 21.612, 151.534
Yxy	9.5564, 0.2938, 0.4011
Android (android.graphics.Color)	4282081094 (0xFF3B5F46)
YUV	81.3860, -5.6133, -19.6325
Hunter-Lab	30.9135, -13.6716, 7.6962

# Details

The Hex color **3B5F46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3B54**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6C9276**, and **0D301B** is the 20% darker color. If you saturate the color by 10%, you get **315F3F**, and if you desaturate by 10%, it is **455F4D**.

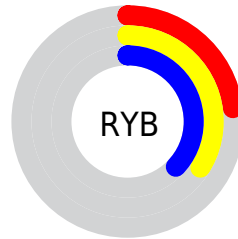
# Distribution



 Red (23%)

 Green (37%)

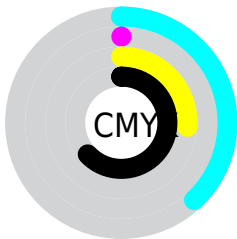
 Blue (27%)




 Red (23%)

 Yellow (34%)

 Blue (37%)

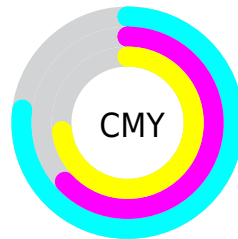


 Cyan (38%)

 Magenta (0%)

 Yellow (26%)

 Black (63%)



 Cyan (77%)

 Magenta (63%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5F46 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 3B5F46 by changing the saturation by 10% instead.





3B5F46



3B5F46

FFFFFF



244730



6C9276



0D301B



85AC90



001D00



A0C8AB



000000



BBE4C6



D7FFE2



F4FFFF



3B5F46



3B5F46



315F3F



455F4D

 285F39

 4E5F53

 1F5F32

 585F5A

 155F2C

 615F60

 0C5F25

 6A5F67

 025F1E

 745F6E

 005F1D

 7E5F74

 875F7B

 915F81

# Harmonies

## Analogous

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



505C39



3B5F46



256157

# Triad

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



3B5F46



40597A



794B46

# Complementary

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



3B5F46



5F3B54

# 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.



784A57



3B5F46



5A5275

# Square

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



3B5F46



245D75



6E4D68



705039

# Rectangle

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



3B5F46



196063



6E4D68



794A4B



# Sweetspot

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



3B5F46



6D7A71



545F3B



353D38



BDBDBD



3D3D3D



# Same Dimension

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



3B5F46



437A54



3B5F58



2C302D



007022



00F049



# Inverse Universe

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



5F3B54



7A436A



5F3B42



302C2F



70004E

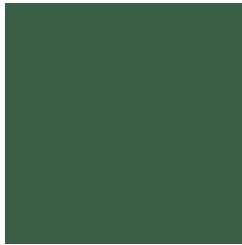


F000A6



# Previews

## White Background



This preview shows how the Hex color 3B5F46 looks on a white background.

## Color Contrast Check

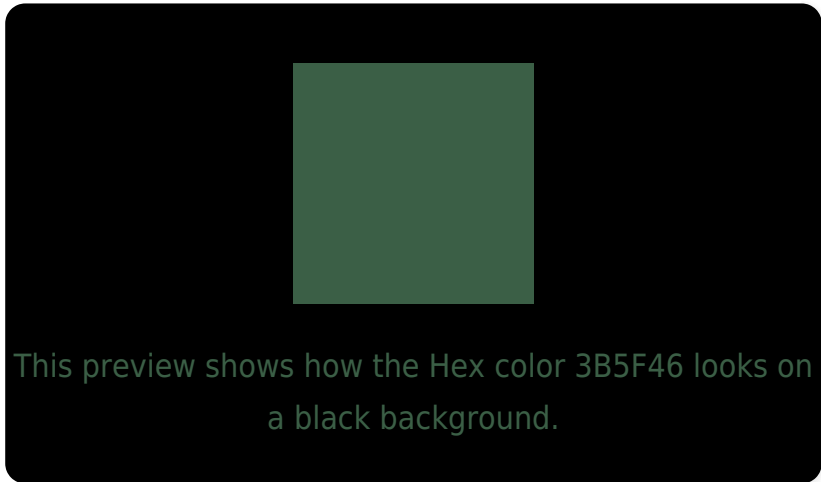
Large Text (above 18pt) WCAG AA ✓ Pass

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

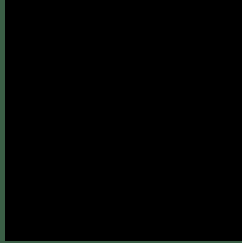
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B5F46 Background



This preview shows how black text looks on a background with the Hex color 3B5F46.



This preview shows how white text looks on a background with the Hex color 3B5F46.

# 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**  
3B5F46

**Protanopia**  
5D5742

**Deuteranopia**  
645348



**Tritanopia**  
415B63

# Trichromacy



**Original Color**  
3B5F46

**Protanomaly**  
515A43

**Deuteranomaly**  
555747

**Tritanomaly**  
3F5C58

# Monochromacy



**Original Color**  
3B5F46

**Achromatopsia**  
515151

**Achromatomaly**  
49564D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5F46 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 #3B5F46 looks like.

```
.text, #text, p{  
    color:#3B5F46  
}
```

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 #3B5F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5F46
}
```

## Border

The CSS property to change the border of an element to Hex 3B5F46 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
#3B5F46 }
```

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

```
.border{ border-color:#3B5F46 }
```

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

Here you see how a box with a 4 pixel #3B5F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5F46; -webkit-box-shadow:4px 4px  
4px 4px #3B5F46; box-shadow:4px 4px 4px  
4px #3B5F46 }
```

# Background

The CSS property to change the background color of an element to Hex 3B5F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5F46 }
```

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

```
.background{ background-color:#3B5F46 }
```

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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