

# Converting Colors

Hex(3B6D37)

Have a look what the booklet for  
Hex(3B6D37) contains.

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# Color

Hex(3B6D37)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B6D37
RGB	59, 109, 55
RGB Percent	23%, 43%, 22%
CMY	0.7686, 0.5725, 0.7843
CMYK	0.46, 0.00, 0.50, 0.57
HSL	116°, 33%, 32%
HSV	116°, 50%, 43%
XYZ	7.9619, 12.1429, 5.5386
YIQ	87.8940, -12.4660, -27.3940

# Conversions

## Conversions Part 2

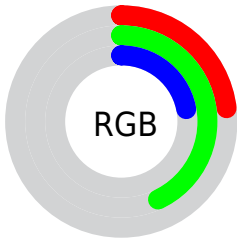
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 109, 105
Decimal	3894583
CIELab	41.44, -28.82, 24.93
CIELCh	41, 38.111, 139.137
Yxy	12.1429, 0.3105, 0.4735
Android (android.graphics.Color)	4282084663 (0xFF3B6D37)
YUV	87.8940, -16.2167, -25.3400
Hunter-Lab	34.8467, -20.1976, 14.9690

# Details

The Hex color **3B6D37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69376D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6EA167**, and **053D0A** is the 20% darker color. If you saturate the color by 10%, you get **316D2C**, and if you desaturate by 10%, it is **456D42**.

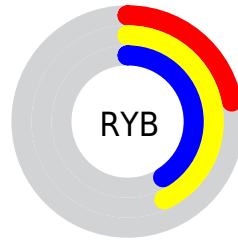
# Distribution



Red (23%)

Green (43%)

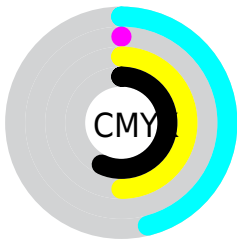
Blue (22%)



Red (22%)

Yellow (43%)

Blue (41%)

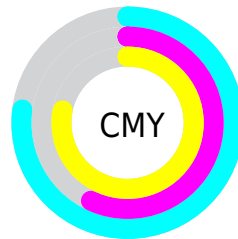


Cyan (46%)

Magenta (0%)

Yellow (50%)

Black (57%)



Cyan (77%)

Magenta (57%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B6D37 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 3B6D37 by changing the saturation by 10% instead.



 3B6D37

 3B6D37

FFFFFF

 225420

 6EA167

 053D0A

 88BC80

 002700

 A3D89B

 000A00

 BEF5B6

 000000

 DBFFD1

 F8FFEE

 3B6D37

 3B6D37

 316D2C

 456D42

■ 276D21

■ 4F6D4D

■ 1D6D16

■ 596D58

■ 136D0B

■ 636D63

■ 096D01

■ 6D6D6E

■ 086D00

■ 786D78

■ 826D83

■ 8C6D8E

■ 966D99

# Harmonies

## Analogous

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



606623



3B6D37



007155

# Triad

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



3B6D37



00689F



9C474F

# Complementary

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



3B6D37



69376D

# 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.



95486F



3B6D37



505E9D

# Square

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



3B6D37



006F90



7D518B



925033

# Rectangle

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



3B6D37



00716B



7D518B



9C4659



# Sweetspot

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



3B6D37



7B8F79



6D6937



3C473B



C7C7C7



474747



# Same Dimension

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



3B6D37



418F3B



376D4E



313630



097500



12F500



# Inverse Universe

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



69376D



893B8F



6D3756



353036



6D0075

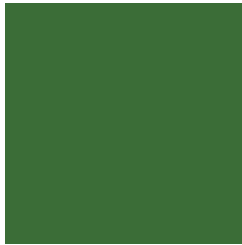


E300F5



# Previews

## White Background



This preview shows how the Hex color 3B6D37 looks on a white background.

## Color Contrast Check

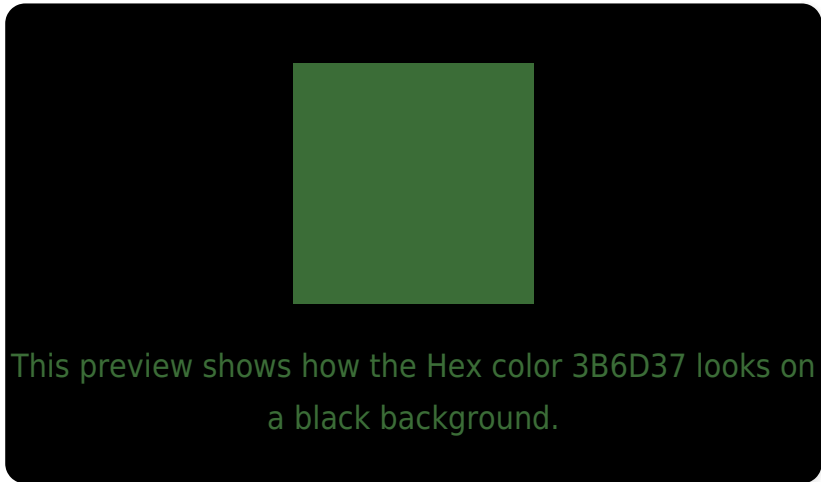
Large Text (above 18pt) WCAG AA ✓ Pass

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

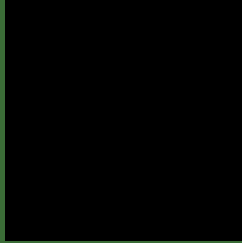
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B6D37 Background



This preview shows how black text looks on a background with the Hex color 3B6D37.



This preview shows how white text looks on a background with the Hex color 3B6D37.

# 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**  
3B6D37

**Protanopia**  
6B6133

**Deuteranopia**  
765D3B



**Tritanopia**  
46676F

# Trichromacy



**Original Color**  
3B6D37

**Protanomaly**  
5A6534

**Deuteranomaly**  
61633A

**Tritanomaly**  
42695B

# Monochromacy



**Original Color**  
3B6D37

**Achromatopsia**  
585858

**Achromatomaly**  
4D604C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B6D37 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 #3B6D37 looks like.

```
.text, #text, p{  
    color:#3B6D37  
}
```

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 #3B6D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6D37
}
```

## Border

The CSS property to change the border of an element to Hex 3B6D37 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
#3B6D37 }
```

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

```
.border{ border-color:#3B6D37 }
```

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

Here you see how a box with a 4 pixel #3B6D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6D37; -webkit-box-shadow:4px 4px  
4px 4px #3B6D37; box-shadow:4px 4px 4px  
4px #3B6D37 }
```

# Background

The CSS property to change the background color of an element to Hex 3B6D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6D37 }
```

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

```
.background{ background-color:#3B6D37 }
```

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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