

Converting Colors

Hex(3B6A46)

Have a look what the booklet for
Hex(3B6A46) contains.

Hex(3B6A46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B6A46)

Conversions

Conversions Part 1

Format	Color
Hex	3B6A46
RGB	59, 106, 70
RGB Percent	23%, 42%, 27%
CMY	0.7686, 0.5843, 0.7255
CMYK	0.44, 0.00, 0.34, 0.58
HSL	134°, 28%, 32%
HSV	134°, 44%, 42%
XYZ	8.0632, 11.6801, 7.6239
YIQ	87.8430, -16.4560, -21.1600

Conversions

Conversions Part 2

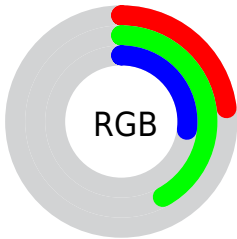
Format	Color
RYB	59, 97, 106
Decimal	3893830
CIELab	40.70, -24.71, 15.33
CIElCh	41, 29.081, 148.185
Yxy	11.6801, 0.2946, 0.4268
Android (android.graphics.Color)	4282083910 (0xFF3B6A46)
YUV	87.8430, -8.7966, -25.2953
Hunter-Lab	34.1761, -17.6948, 10.6971

Details

The Hex color **3B6A46** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A3B5F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6D9E77**, and **083A1A** is the 20% darker color. If you saturate the color by 10%, you get **306A3E**, and if you desaturate by 10%, it is **466A4E**.

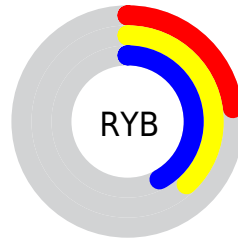
Distribution



Red (23%)

Green (42%)

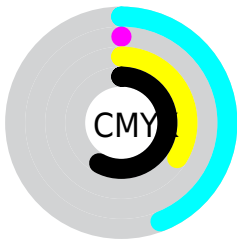
Blue (27%)



Red (23%)

Yellow (38%)

Blue (42%)

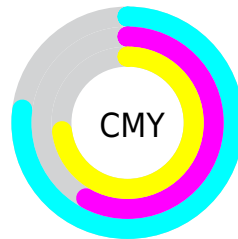


Cyan (44%)

Magenta (0%)

Yellow (34%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6A46 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 3B6A46 by changing the saturation by 10% instead.



3B6A46



3B6A46

FFFFFF



23522F



6D9E77



083A1A



87B990



002400



A2D5AB



000500



BDF1C6



000000



D9FFE2



F6FFFF



3B6A46



3B6A46



306A3E



466A4E

■ 266A36

■ 506A56

■ 1B6A2E

■ 5B6A5E

■ 116A26

■ 656A66

■ 066A1D

■ 706A6F

■ 006A19

■ 7B6A77

■ 856A7F

■ 906A87

■ 9A6A8F

Harmonies

Analogous

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



586535



3B6A46



0F6C5E

Triad

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



3B6A46



37638F



8D4F4B

Complementary

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



3B6A46



6A3B5F

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.



8B4D62



3B6A46



605A8A

Square

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



3B6A46



006988



7C5279



835638

Rectangle

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



3B6A46



006C6E



7C5279



8E4D52

Sweetspot

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



3B6A46



788A7C



5F6A3B



3A453C



C4C4C4



454545

Same Dimension

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



3B6A46



418A52



3B6A5D



303631



00751B



00F539

Inverse Universe

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



6A3B5F



8A4179



6A3B48



363034



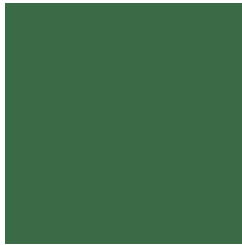
75005A



F500BC

Previews

White Background



This preview shows how the Hex color 3B6A46 looks on a white background.

Color Contrast Check

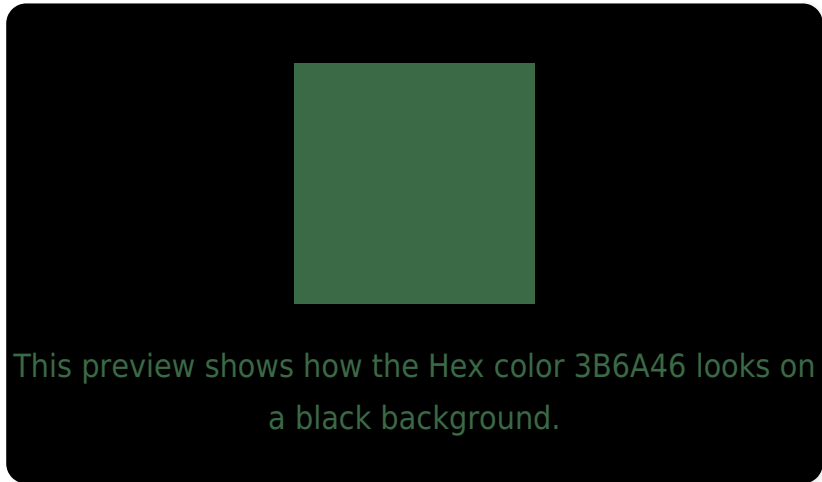
Large Text (above 18pt) WCAG AA ✓ Pass

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

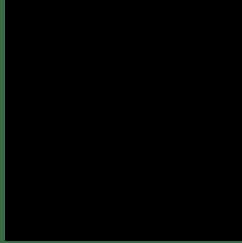
Any Text WCAG AA × Fail

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 3B6A46 Background



This preview shows how black text looks on a background with the Hex color 3B6A46.



This preview shows how white text looks on a background with the Hex color 3B6A46.

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
3B6A46

Protanopia
675F42

Deuteranopia
705C49



Tritanopia
44656D

Trichromacy



Original Color
3B6A46

Protanomaly
576343

Deuteranomaly
5D6148

Tritanomaly
41675F

Monochromacy



Original Color
3B6A46

Achromatopsia
585858

Achromatomaly
4D5F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6A46 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 #3B6A46 looks like.

```
.text, #text, p{  
    color:#3B6A46  
}
```

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 #3B6A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6A46
}
```

Border

The CSS property to change the border of an element to Hex 3B6A46 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
#3B6A46 }
```

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

```
.border{ border-color:#3B6A46 }
```

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

Here you see how a box with a 4 pixel #3B6A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6A46; -webkit-box-shadow:4px 4px  
4px 4px #3B6A46; box-shadow:4px 4px 4px  
4px #3B6A46 }
```

Background

The CSS property to change the background color of an element to Hex 3B6A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6A46 }
```

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

```
.background{ background-color:#3B6A46 }
```

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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