

Converting Colors

Hex(3B6236)

Have a look what the booklet for
Hex(3B6236) contains.

Hex(3B6236)	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(3B6236)

Conversions

Conversions Part 1

Format	Color
Hex	3B6236
RGB	59, 98, 54
RGB Percent	23%, 38%, 21%
CMY	0.7686, 0.6157, 0.7882
CMYK	0.40, 0.00, 0.45, 0.62
HSL	113°, 29%, 30%
HSV	113°, 45%, 38%
XYZ	6.8372, 9.9315, 5.0466
YIQ	81.3230, -9.1200, -21.9520

Conversions

Conversions Part 2

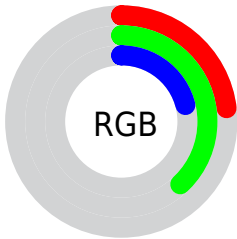
Format	Color
RYB	54, 98, 93
Decimal	3891766
CIELab	37.72, -23.60, 20.78
CIELCh	38, 31.445, 138.643
Yxy	9.9315, 0.3134, 0.4553
Android (android.graphics.Color)	4282081846 (0xFF3B6236)
YUV	81.3230, -13.4702, -19.5773
Hunter-Lab	31.5143, -16.4237, 12.5654

Details

The Hex color **3B6236** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D3662**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6C9565**, and **0B330A** is the 20% darker color. If you saturate the color by 10%, you get **32622C**, and if you desaturate by 10%, it is **446240**.

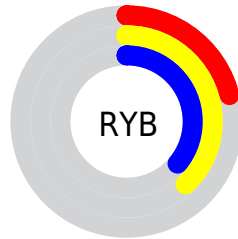
Distribution



Red (23%)

Green (38%)

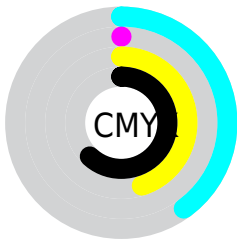
Blue (21%)



Red (21%)

Yellow (38%)

Blue (36%)

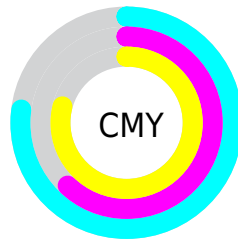


Cyan (40%)

Magenta (0%)

Yellow (45%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6236 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 3B6236 by changing the saturation by 10% instead.



3B6236



3B6236

FFFFFF



234A20



6C9565



0B330A



86B07F



001F00



A1CB99



000000



BCE8B4



D8FFCF



F5FFEC



3B6236



3B6236



32622C



446240

■ 2A6222

■ 4C624A

■ 216219

■ 556253

■ 18620F

■ 5E625D

■ 106205

■ 666267

■ 0B6200

■ 6F6271

■ 78627B

■ 806284

■ 89628E

Harmonies

Analogous

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



585C27



3B6236



09654E

Triad

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



3B6236



065E8A



89444A

Complementary

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



3B6236



5D3662

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.



834564



3B6236



4B5689

Square

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



3B6236



00647E



6F4C7B



814B34

Rectangle

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



3B6236



006660



6F4C7B



884352

Sweetspot

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



3B6236



71806F



625D36



374036



BFBFBF



404040

Same Dimension

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



3B6236



42803B



366247



2C302C



0D7000



1BF000

Inverse Universe

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



5D3662



783B80



623651



302C30



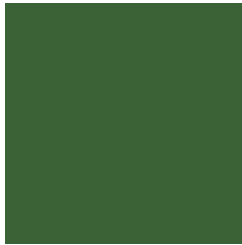
630070



D400F0

Previews

White Background



This preview shows how the Hex color 3B6236 looks on a white background.

Color Contrast Check

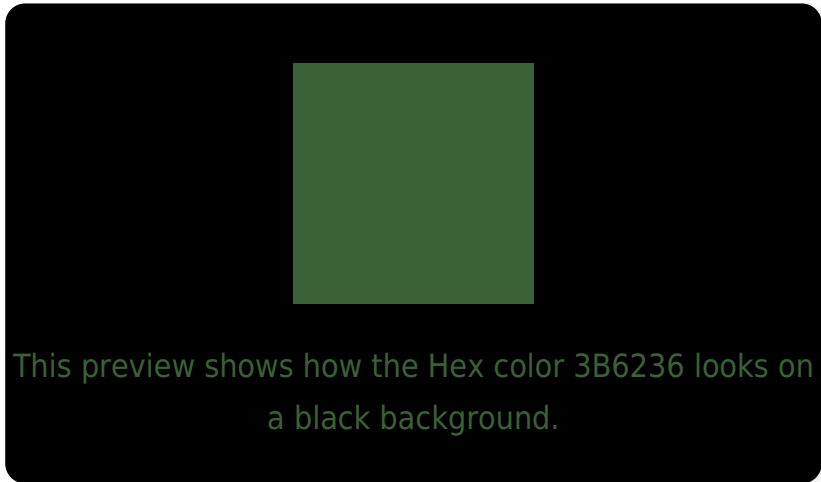
Large Text (above 18pt) WCAG AA ✓ Pass

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

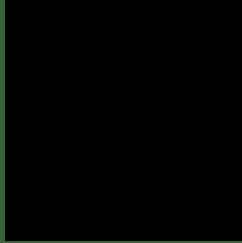
Any Text WCAG AA × Fail

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 3B6236 Background



This preview shows how black text looks on a background with the Hex color 3B6236.



This preview shows how white text looks on a background with the Hex color 3B6236.

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
3B6236

Protanopia
615833

Deuteranopia
6A5539



Tritanopia
445D64

Trichromacy



Original Color
3B6236

Protanomaly
535C34

Deuteranomaly
595A38

Tritanomaly
415F53

Monochromacy



Original Color
3B6236

Achromatopsia
515151

Achromatomaly
495747

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6236 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 #3B6236 looks like.

```
.text, #text, p{  
    color:#3B6236  
}
```

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 #3B6236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6236
}
```

Border

The CSS property to change the border of an element to Hex 3B6236 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".

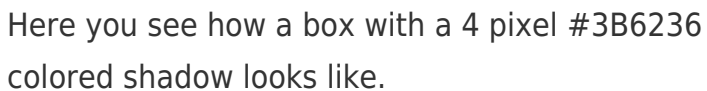
```
.border, #border, table{ border:4px solid
#3B6236 }
```

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

```
.border{ border-color:#3B6236 }
```

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

Here you see how a box with a 4 pixel #3B6236 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6236; -webkit-box-shadow:4px 4px  
4px 4px #3B6236; box-shadow:4px 4px 4px  
4px #3B6236 }
```

Background

The CSS property to change the background color of an element to Hex 3B6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6236 }
```

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

```
.background{ background-color:#3B6236 }
```

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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