

Converting Colors

Hex(3B6D3E)

Have a look what the booklet for
Hex(3B6D3E) contains.

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Color

Hex(3B6D3E)

Conversions

Conversions Part 1

Format	Color
Hex	3B6D3E
RGB	59, 109, 62
RGB Percent	23%, 43%, 24%
CMY	0.7686, 0.5725, 0.7569
CMYK	0.46, 0.00, 0.43, 0.57
HSL	124°, 30%, 33%
HSV	124°, 46%, 43%
XYZ	8.1418, 12.2149, 6.4860
YIQ	88.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

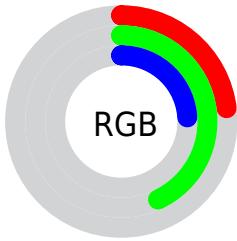
Format	Color
RYB	59, 106, 109
Decimal	3894590
CIELab	41.56, -27.68, 21.12
CIELCh	42, 34.816, 142.645
Yxy	12.2149, 0.3033, 0.4551
Android (android.graphics.Color)	4282084670 (0xFF3B6D3E)
YUV	88.6920, -13.1592, -26.0399
Hunter-Lab	34.9498, -19.5795, 13.4618

Details

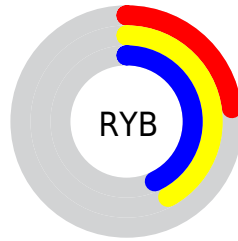
The Hex color **3B6D3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D3B6A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6DA16E**, and **063D12** is the 20% darker color. If you saturate the color by 10%, you get **306D34**, and if you desaturate by 10%, it is **466D48**.

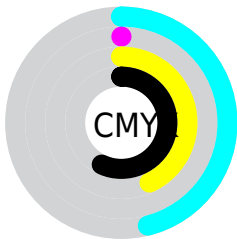
Distribution



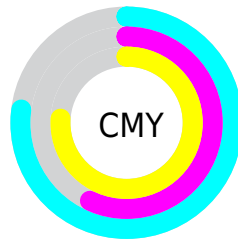
- Red (23%)
- Green (43%)
- Blue (24%)



- Red (23%)
- Yellow (42%)
- Blue (43%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (57%)



- Cyan (77%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6D3E 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 3B6D3E by changing the saturation by 10% instead.



3B6D3E



3B6D3E

FFFFFF



225427



6DA16E



063D12



88BC88



002700



A2D8A2



000B00



BEF5BD



000000



DAFFD9



F7FFF6



3B6D3E



3B6D3E



306D34



466D48

■ 256D2A

■ 516D52

■ 1A6D1F

■ 5C6D5D

■ 0F6D15

■ 676D67

■ 056D0B

■ 726D71

■ 006D07

■ 7C6D7B

■ 876D86

■ 926D90

■ 9D6D9A

Harmonies

Analogous

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



5D672B



3B6D3E



00705A

Triad

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



3B6D3E



12679B



974B4E

Complementary

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



3B6D3E



6D3B6A

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.



934A6A



3B6D3E



595D97

Square

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



3B6D3E



006E8F



7F5285



8D5335

Rectangle

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



3B6D3E



00716E



7F5285



984A57

Sweetspot

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



3B6D3E



7B8F7C



6B6D3B



3B473C



C7C7C7



474747

Same Dimension

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



3B6D3E



408F45



3B6D56



303631



007507



00F50F

Inverse Universe

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



6D3B6A



8F408A



6D3B51



363035



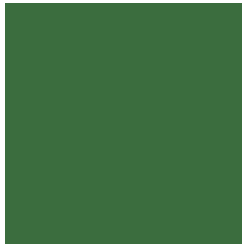
75006E



F500E6

Previews

White Background



This preview shows how the Hex color 3B6D3E looks on a white background.

Color Contrast Check

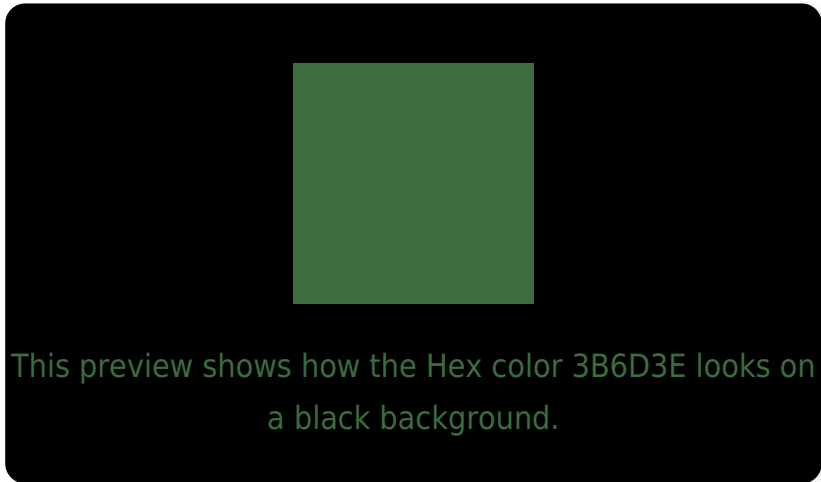
Large Text (above 18pt) WCAG AA ✓ Pass

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

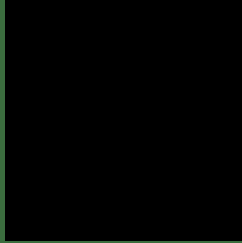
Any Text WCAG AA × Fail

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 3B6D3E Background



This preview shows how black text looks on a background with the Hex color 3B6D3E.



This preview shows how white text looks on a background with the Hex color 3B6D3E.

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
3B6D3E

Protanopia
6B623A

Deuteranopia
755D42



Tritanopia
466770

Trichromacy



Original Color
3B6D3E

Protanomaly
5A663B

Deuteranomaly
606341

Tritanomaly
42695E

Monochromacy



Original Color
3B6D3E

Achromatopsia
595959

Achromatomaly
4E604F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6D3E 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 #3B6D3E looks like.

```
.text, #text, p{  
    color:#3B6D3E  
}
```

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 #3B6D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6D3E
}
```

Border

The CSS property to change the border of an element to Hex 3B6D3E 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
#3B6D3E }
```

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

```
.border{ border-color:#3B6D3E }
```

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

Here you see how a box with a 4 pixel #3B6D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6D3E; -webkit-box-shadow:4px 4px  
4px 4px #3B6D3E; box-shadow:4px 4px 4px  
4px #3B6D3E }
```

Background

The CSS property to change the background color of an element to Hex 3B6D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6D3E }
```

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

```
.background{ background-color:#3B6D3E }
```

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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