

Converting Colors

Hex(3B6D61)

Have a look what the booklet for
Hex(3B6D61) contains.

Hex(3B6D61)	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(3B6D61)

Conversions

Conversions Part 1

Format	Color
Hex	3B6D61
RGB	59, 109, 97
RGB Percent	23%, 43%, 38%
CMY	0.7686, 0.5725, 0.6196
CMYK	0.46, 0.00, 0.11, 0.57
HSL	166°, 30%, 33%
HSV	166°, 46%, 43%
XYZ	9.4299, 12.7302, 13.2694
YIQ	92.6820, -25.9480, -14.3320

Conversions

Conversions Part 2

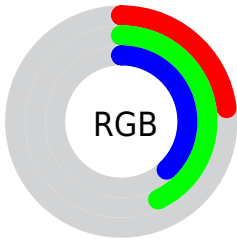
Format	Color
RYB	59, 87, 109
Decimal	3894625
CIELab	42.35, -20.06, 1.45
CIElCh	42, 20.108, 175.859
Yxy	12.7302, 0.2662, 0.3593
Android (android.graphics.Color)	4282084705 (0xFF3B6D61)
YUV	92.6820, 2.1288, -29.5391
Hunter-Lab	35.6793, -15.2618, 2.9251

Details

The Hex color **3B6D61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3B47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6DA194**, and **053D33** is the 20% darker color. If you saturate the color by 10%, you get **306D5E**, and if you desaturate by 10%, it is **466D64**.

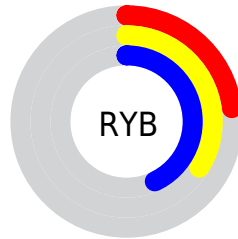
Distribution



Red (23%)

Green (43%)

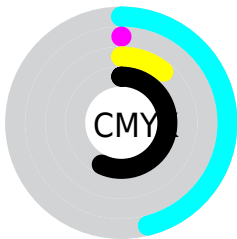
Blue (38%)



Red (23%)

Yellow (34%)

Blue (43%)

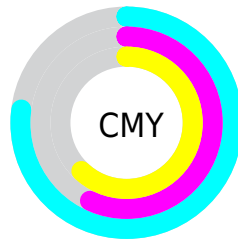


Cyan (46%)

Magenta (0%)

Yellow (11%)

Black (57%)



Cyan (77%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6D61 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 3B6D61 by changing the saturation by 10% instead.

 3B6D61

 3B6D61

FFFFFF

 225449


 6DA194

 053D33

 88BCAE

 00271E

 A3D8C9

 000F05

 BEF4E6

 000000

 DAFFFF

 F7FFFF

 3B6D61

 3B6D61

 306D5E

 466D64

■ 256D5C

■ 516D66

■ 1A6D59

■ 5C6D69

■ 0F6D57

■ 676D6B

■ 056D54

■ 726D6E

■ 006D53

■ 7C6D71

■ 876D73

■ 926D76

■ 9D6D79

Harmonies

Analogous

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



4E6B51



3B6D61



2F6D72

Triad

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



3B6D61



636182



7F5D49

Complementary

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



3B6D61



6D3B47

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.



855956



3B6D61



775B77

Square

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



3B6D61



4B6685



835867



726243

Rectangle

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



3B6D61



316C7B



835867



825B4D

Sweetspot

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



3B6D61



7B8F8A



476D3B



3B4744



C7C7C7



474747

Same Dimension

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



3B6D61



408F7C



3B616D



303634



007559



00F5BA

Inverse Universe

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



6D3B47



8F4053



6D473B



363031



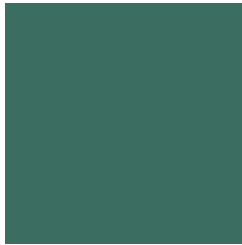
75001C



F5003B

Previews

White Background



This preview shows how the Hex color 3B6D61 looks on a white background.

Color Contrast Check

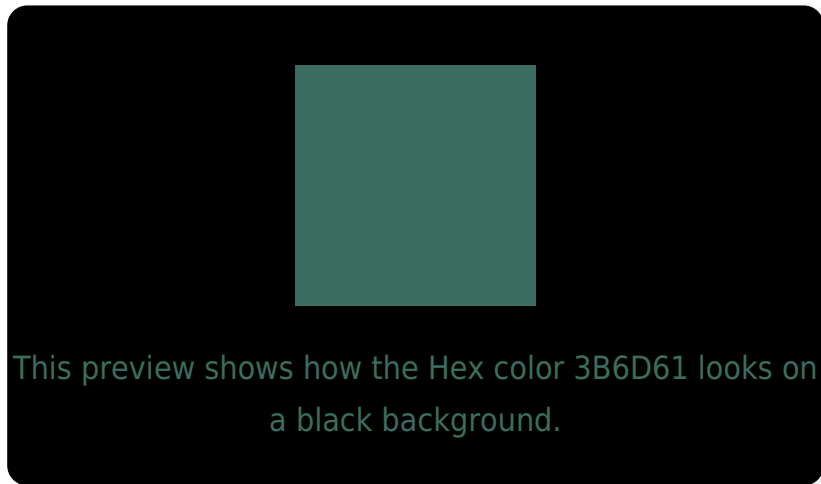
Large Text (above 18pt) WCAG AA ✓ Pass

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

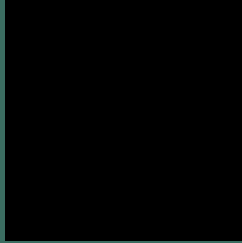
Any Text WCAG AA × Fail

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 3B6D61 Background



This preview shows how black text looks on a background with the Hex color 3B6D61.



This preview shows how white text looks on a background with the Hex color 3B6D61.

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
3B6D61

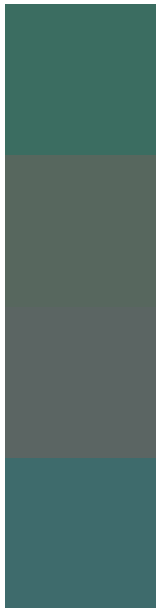
Protanopia
67635C

Deuteranopia
6D6064



Tritanopia
406A73

Trichromacy



Original Color
3B6D61

Protanomaly
57675E

Deuteranomaly
5B6563

Tritanomaly
3E6B6C

Monochromacy



Original Color
3B6D61

Achromatopsia
5D5D5D

Achromatomaly
51635E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6D61 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 #3B6D61 looks like.

```
.text, #text, p{  
    color:#3B6D61  
}
```

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 #3B6D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6D61  
}
```

Border

The CSS property to change the border of an element to Hex 3B6D61 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  
#3B6D61 }
```

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

```
.border{ border-color:#3B6D61 }
```

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

Here you see how a box with a 4 pixel #3B6D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6D61; -webkit-box-shadow:4px 4px  
4px 4px #3B6D61; box-shadow:4px 4px 4px  
4px #3B6D61 }
```

Background

The CSS property to change the background color of an element to Hex 3B6D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6D61 }
```

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

```
.background{ background-color:#3B6D61 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor