

Converting Colors

Hex(3B7363)

Have a look what the booklet for
Hex(3B7363) contains.

| | |
|--|----|
| Hex(3B7363) | 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(3B7363)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3B7363 |
| RGB | 59, 115, 99 |
| RGB Percent | 23%, 45%, 39% |
| CMY | 0.7686, 0.5490, 0.6118 |
| CMYK | 0.49, 0.00, 0.14, 0.55 |
| HSL | 163°, 32%, 34% |
| HSV | 163°, 49%, 45% |
| XYZ | 10.1865, 14.0921, 13.9875 |
| YIQ | 96.4320, -28.2400, -16.8480 |

Conversions

Conversions Part 2

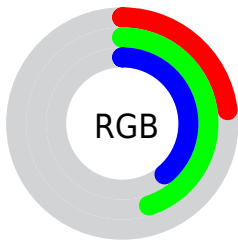
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 59, 92, 115 |
| Decimal | 3896163 |
| CIELab | 44.36, -22.69, 3.16 |
| CIELCh | 44, 22.911, 172.068 |
| Yxy | 14.0921, 0.2662, 0.3683 |
| Android (android.graphics.Color) | 4282086243 (0xFF3B7363) |
| YUV | 96.4320, 1.2660, -32.8279 |
| Hunter-Lab | 37.5395, -17.2574, 4.1857 |

Details

The Hex color **3B7363** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733B4B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6EA796**, and **024235** is the 20% darker color. If you saturate the color by 10%, you get **307360**, and if you desaturate by 10%, it is **477366**.

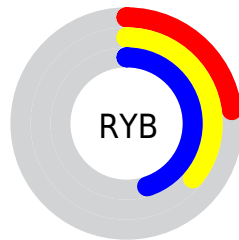
Distribution



Red (23%)

Green (45%)

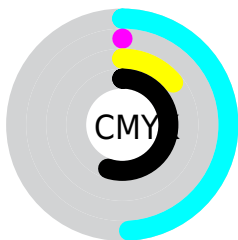
Blue (39%)



Red (23%)

Yellow (36%)

Blue (45%)

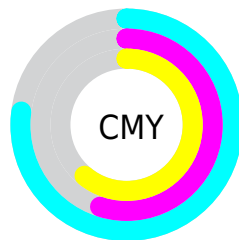


Cyan (49%)

Magenta (0%)

Yellow (14%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7363 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 3B7363 by changing the saturation by 10% instead.



3B7363



3B7363

FFFFFF



215A4B



6EA796



024235



88C3B0



002C1F



A4DFCC



001807



BFFBE8



000000



DCFFFF



F8FFFF



3B7363



3B7363



307360



477366

■ 24735C

■ 52736A

■ 197359

■ 5E736D

■ 0D7356

■ 697370

■ 027353

■ 757373

■ 007352

■ 807377

■ 8C737A

■ 97737D

■ A37381

Harmonies

Analogous

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



527151



3B7363



297377

Triad

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



3B7363



64668C



89604C

Complementary

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



3B7363



733B4B

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.



8F5B5C



3B7363



7C5F81

Square

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



3B7363



476C8E



8B5B6F



7B6643

Rectangle

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



3B7363



297282



8B5B6F



8C5E50

Sweetspot

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



3B7363



809690



4C733B



3F4D49



CCCCCC



4D4D4D

Same Dimension

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



3B7363



3F967E



3B6873



353B39



007A57



00FAB3

Inverse Universe

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



733B4B



963F58



73463B



3B3536



7A0023



FA0047

Previews

White Background



This preview shows how the Hex color 3B7363 looks on a white background.

Color Contrast Check

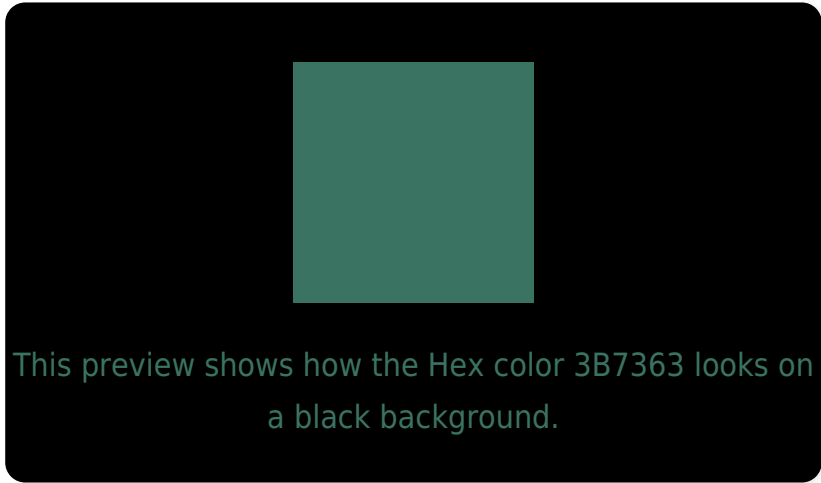
Large Text (above 18pt) WCAG AA ✓ Pass

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

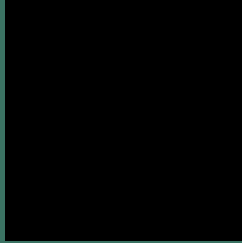
Any Text WCAG AA × Fail

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 3B7363 Background



This preview shows how black text looks on a background with the Hex color 3B7363.

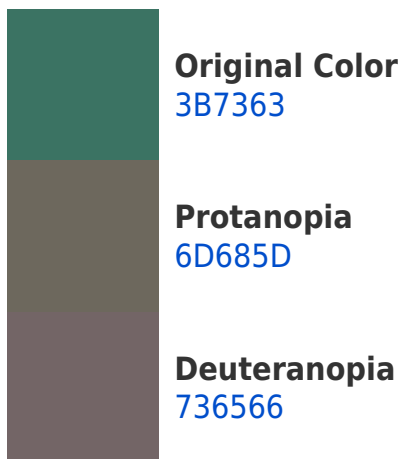


This preview shows how white text looks on a background with the Hex color 3B7363.

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](#).

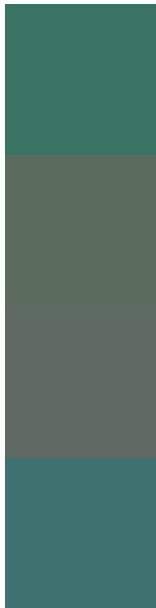
Dichromacy





Tritanopia
417079

Trichromacy



Original Color
3B7363

Protanomaly
5B6C5F

Deuteranomaly
5F6A65

Tritanomaly
3F7171

Monochromacy



Original Color
3B7363

Achromatopsia
606060

Achromatomaly
536761

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7363 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 #3B7363 looks like.

```
.text, #text, p{  
  color:#3B7363  
}
```

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 #3B7363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7363
}
```

Border

The CSS property to change the border of an element to Hex 3B7363 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
#3B7363 }
```

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

```
.border{ border-color:#3B7363 }
```

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

Here you see how a box with a 4 pixel #3B7363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7363; -webkit-box-shadow:4px 4px  
4px 4px #3B7363; box-shadow:4px 4px 4px  
4px #3B7363 }
```

Background

The CSS property to change the background color of an element to Hex 3B7363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7363 }
```

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

```
.background{ background-color:#3B7363 }
```

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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