

Converting Colors

Hex(3B5853)

Have a look what the booklet for
Hex(3B5853) contains.

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Color

Hex(3B5853)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3B5853 |
| RGB | 59, 88, 83 |
| RGB Percent | 23%, 35%, 33% |
| CMY | 0.7686, 0.6549, 0.6745 |
| CMYK | 0.33, 0.00, 0.06, 0.65 |
| HSL | 170°, 20%, 29% |
| HSV | 170°, 33%, 35% |
| XYZ | 6.8547, 8.5338, 9.4695 |
| YIQ | 78.7590, -15.6790, -7.7030 |

Conversions

Conversions Part 2

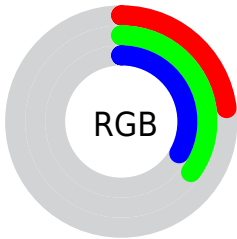
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 59, 75, 88 |
| Decimal | 3889235 |
| CIELab | 35.07, -12.01, -0.56 |
| CIELCh | 35, 12.022, 182.659 |
| Yxy | 8.5338, 0.2758, 0.3433 |
| Android (android.graphics.Color) | 4282079315 (0xFF3B5853) |
| YUV | 78.7590, 2.0908, -17.3286 |
| Hunter-Lab | 29.2126, -9.2375, 1.2295 |

Details

The Hex color **3B5853** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583B40**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6B8A84**, and **0E2A26** is the 20% darker color. If you saturate the color by 10%, you get **325851**, and if you desaturate by 10%, it is **445855**.

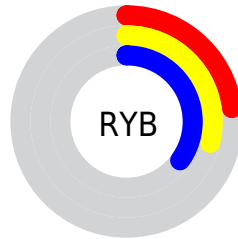
Distribution



 Red (23%)

 Green (35%)

 Blue (33%)



 Red (23%)

 Yellow (29%)

 Blue (35%)

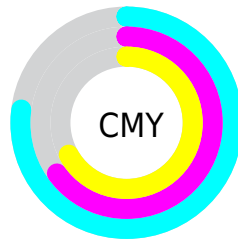


 Cyan (33%)

 Magenta (0%)

 Yellow (6%)

 Black (65%)



 Cyan (77%)

 Magenta (65%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5853 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 3B5853 by changing the saturation by 10% instead.



3B5853



3B5853

FFFFFF



24413C



6B8A84



0E2A26



85A49E



001712



9FBFB9



000000



BBDBD5



D6F8F1



F3FFFF



3B5853



3B5853



325851



445855

■ 295850

■ 4D5856

■ 21584E

■ 555858

■ 18584D

■ 5E5859

■ 0F584B

■ 67585B

■ 06584A

■ 70585C

■ 005849

■ 79585E

■ 81585F

■ 8A5861

Harmonies

Analogous

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



445749



3B5853



38585C

Triad

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



3B5853



555063



614F42

Complementary

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



3B5853



583B40

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.



664C49



3B5853



604D5B

Square

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



3B5853



485365



664C52



59523F

Rectangle

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



3B5853



3B5761



664C52



634E44

Sweetspot

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



3B5853



677371



40583B



343B39



BABABA



3B3B3B

Same Dimension

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



3B5853



45736B



3B4F58



272B2B



006B59



00EBC2

Inverse Universe

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



583B40



73454D



58443B



2B2728



6B0012



EB0028

Previews

White Background



This preview shows how the Hex color 3B5853 looks on a white background.

Color Contrast Check

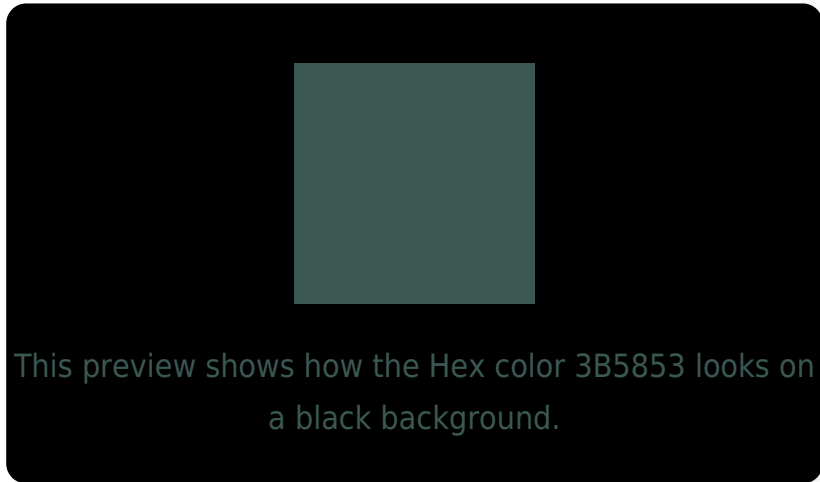
Large Text (above 18pt) WCAG AA ✓ Pass

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

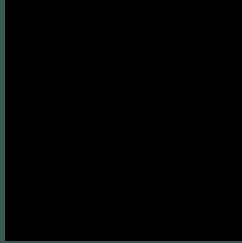
Any Text WCAG AA × Fail

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 3B5853 Background



This preview shows how black text looks on a background with the Hex color 3B5853.



This preview shows how white text looks on a background with the Hex color 3B5853.

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

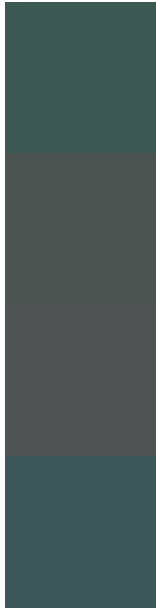


Original Color
3B5853

Protanopia
545250

Deuteranopia
595055

Trichromacy



Original Color
3B5853

Protanomaly
4B5451

Deuteranomaly
4E5354

Tritanomaly
3C5759

Monochromacy



Original Color
3B5853

Achromatopsia
4F4F4F

Achromatomaly
485250

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5853 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 #3B5853 looks like.

```
.text, #text, p{  
    color:#3B5853  
}
```

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 #3B5853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5853
}
```

Border

The CSS property to change the border of an element to Hex 3B5853 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
#3B5853 }
```

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

```
.border{ border-color:#3B5853 }
```

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

Here you see how a box with a 4 pixel #3B5853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5853; -webkit-box-shadow:4px 4px  
4px 4px #3B5853; box-shadow:4px 4px 4px  
4px #3B5853 }
```

Background

The CSS property to change the background color of an element to Hex 3B5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5853 }
```

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

```
.background{ background-color:#3B5853 }
```

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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