

Converting Colors

Hex(3B4843)

Have a look what the booklet for
Hex(3B4843) contains.

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Color

Hex(3B4843)

Conversions

Conversions Part 1

Format	Color
Hex	3B4843
RGB	59, 72, 67
RGB Percent	23%, 28%, 26%
CMY	0.7686, 0.7176, 0.7373
CMYK	0.18, 0.00, 0.07, 0.72
HSL	157°, 10%, 26%
HSV	157°, 18%, 28%
XYZ	5.1341, 5.9698, 6.1919
YIQ	67.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

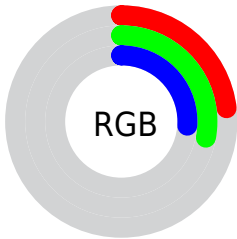
Format	Color
R_{YB}	59, 67, 72
Decimal	3885123
CIE Lab	29.34, -6.41, 1.26
CIE LCh	29, 6.529, 168.913
Yxy	5.9698, 0.2968, 0.3452
Android (android.graphics.Color)	4282075203 (0xFF3B4843)
YUV	67.5430, -0.2677, -7.4922
Hunter-Lab	24.4331, -5.2499, 2.0779

Details

The Hex color **3B4843** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **483B40**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6A7873**, and **111D18** is the 20% darker color. If you saturate the color by 10%, you get **344840**, and if you desaturate by 10%, it is **424846**.

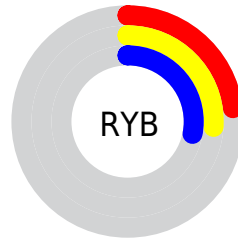
Distribution



Red (23%)

Green (28%)

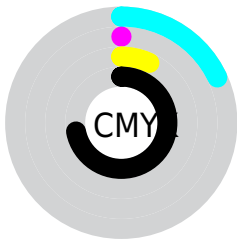
Blue (26%)



Red (23%)

Yellow (26%)

Blue (28%)

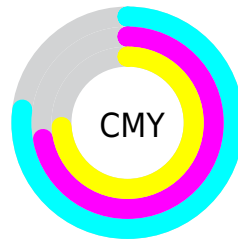


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4843 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 3B4843 by changing the saturation by 10% instead.

■ 3B4843

■ 3B4843

FFFFFF

■ 25322D

■ 6A7873

■ 111D18

■ 84928C

■ 000000

■ 9EADA7

■ B9C8C2

■ D4E4DE

■ F1FFFA

■ 3B4843

■ 3B4843

■ 344840

■ 424846

■ 2D483D

■ 494849

■ 25483B

■ 51484B

■ 1E4838

■ 58484E

■ 174835

■ 5F4851

■ 104832

■ 664854

■ 094830

■ 6D4856

■ 01482D

■ 754859

■ 00482C

■ 7C485C

Harmonies

Analogous

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



40473E



3B4843



384848

Triad

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



3B4843



44444F



4F433E

Complementary

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



3B4843



483B40

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.



504242



3B4843



4A434C

Square

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



3B4843



3E464F



4E4247



4B443B

Rectangle

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



3B4843



39484B



4E4247



50423F

Sweetspot

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



3B4843



5A5E5D



40483B



2E302F



B0B0B0



303030

Same Dimension

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



3B4843



4A5E56



3B4748



202422



00633D



00E38C

Inverse Universe

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



483B40



5E4A52



483C3B



242022



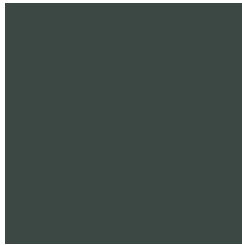
630026



E30057

Previews

White Background



This preview shows how the Hex color 3B4843 looks on a white background.

Color Contrast Check

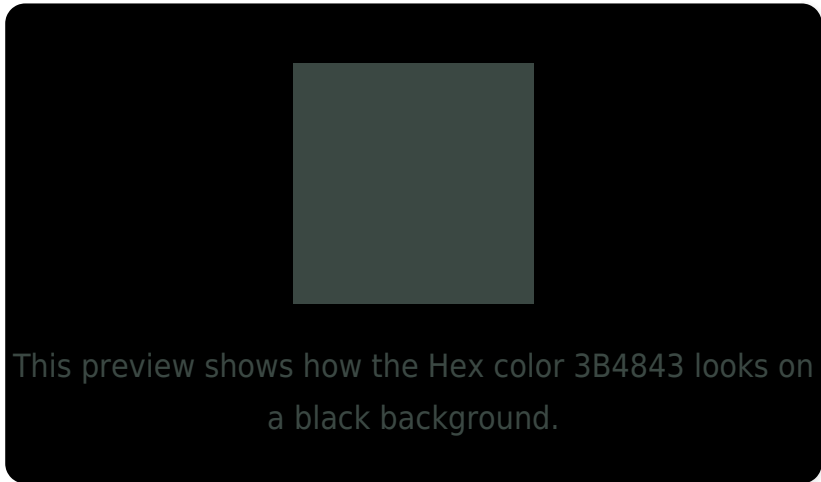
Large Text (above 18pt) WCAG AA ✓ Pass

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

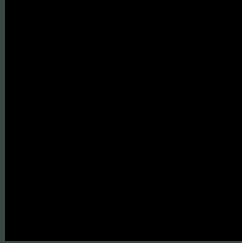
Any Text WCAG AA × Fail

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 3B4843 Background



This preview shows how black text looks on a background with the Hex color 3B4843.



This preview shows how white text looks on a background with the Hex color 3B4843.

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

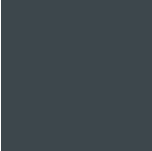
3B4843

Protanopia

474541

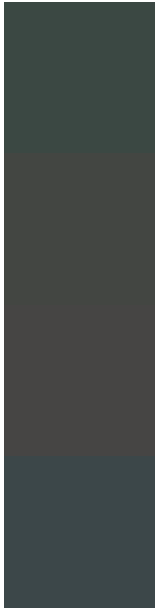
Deuteranopia

4C4344



Tritanopia
3D474C

Trichromacy



Original Color

3B4843

Protanomaly

434642

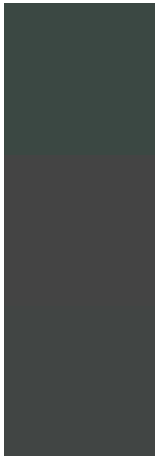
Deuteranomaly

464544

Tritanomaly

3C4749

Monochromacy



Original Color

3B4843

Achromatopsia

444444

Achromatomaly

414544

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4843 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 #3B4843 looks like.

```
.text, #text, p{  
    color:#3B4843  
}
```

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 #3B4843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4843
}
```

Border

The CSS property to change the border of an element to Hex 3B4843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

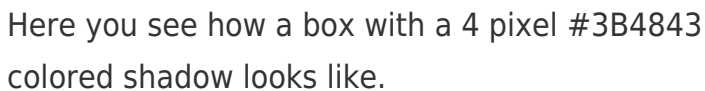
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4843 }
```

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

```
.border{ border-color:#3B4843 }
```

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



Here you see how a box with a 4 pixel #3B4843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4843; -webkit-box-shadow:4px 4px  
4px 4px #3B4843; box-shadow:4px 4px 4px  
4px #3B4843 }
```

Background

The CSS property to change the background color of an element to Hex 3B4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4843 }
```

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

```
.background{ background-color:#3B4843 }
```

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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