

Converting Colors

Hex(3B4943)

Have a look what the booklet for
Hex(3B4943) contains.

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Color

Hex(3B4943)

Conversions

Conversions Part 1

Format	Color
Hex	3B4943
RGB	59, 73, 67
RGB Percent	23%, 29%, 26%
CMY	0.7686, 0.7137, 0.7373
CMYK	0.19, 0.00, 0.08, 0.71
HSL	154°, 11%, 26%
HSV	154°, 19%, 29%
XYZ	5.1993, 6.1001, 6.2136
YIQ	68.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

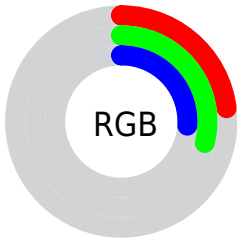
Format	Color
R_{YB}	59, 68, 73
Decimal	3885379
CIE Lab	29.66, -7.02, 1.73
CIE LCh	30, 7.232, 166.157
Yxy	6.1001, 0.2969, 0.3483
Android (android.graphics.Color)	4282075459 (0xFF3B4943)
YUV	68.1300, -0.5571, -8.0070
Hunter-Lab	24.6985, -5.6461, 2.3728

Details

The Hex color **3B4943** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493B41**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6A7A73**, and **111D18** is the 20% darker color. If you saturate the color by 10%, you get **344940**, and if you desaturate by 10%, it is **424946**.

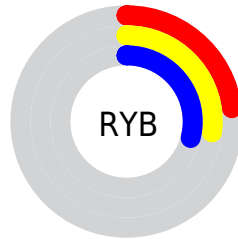
Distribution



Red (23%)

Green (29%)

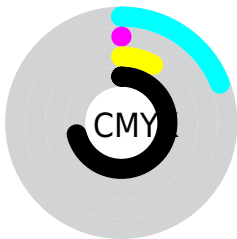
Blue (26%)



Red (23%)

Yellow (27%)

Blue (29%)

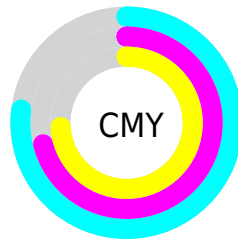


Cyan (19%)

Magenta (0%)

Yellow (8%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4943 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 3B4943 by changing the saturation by 10% instead.

■ 3B4943

■ 3B4943

FFFFFF

■ 25322D

■ 6A7A73

■ 111D18

■ 84938C

■ 000000

■ 9EAEA7

■ B9C9C2

■ D4E5DE

■ F1FFFA

■ 3B4943

■ 3B4943

■ 344940

■ 424946

■ 2C493D

■ 4A4949

■ 25493A

■ 51494C

■ 1E4936

■ 584950

■ 164933

■ 604953

■ 0F4930

■ 674956

■ 08492D

■ 6E4959

■ 01492A

■ 75495C

■ 00492A

■ 7D495F

Harmonies

Analogous

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



41483E



3B4943



384949

Triad

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



3B4943



444551



51433E

Complementary

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



3B4943



493B41

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.



524243



3B4943



4B444E

Square

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



3B4943



3D4751



504249



4D453B

Rectangle

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



3B4943



38494C



504249



51433F

Sweetspot

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



3B4943



595E5C



41493B



2D302F



B0B0B0



303030

Same Dimension

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



3B4943



495E55



3B4849



202422



006339



00E382

Inverse Universe

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



493B41



5E4952



493C3B



242022



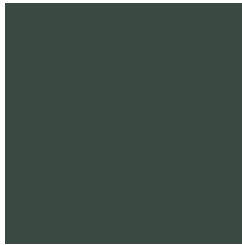
63002B



E30061

Previews

White Background



This preview shows how the Hex color 3B4943 looks on a white background.

Color Contrast Check

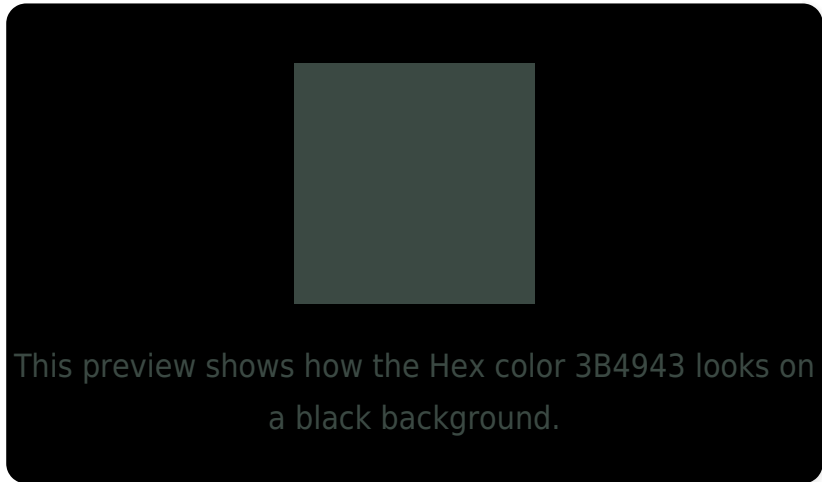
Large Text (above 18pt) WCAG AA ✓ Pass

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

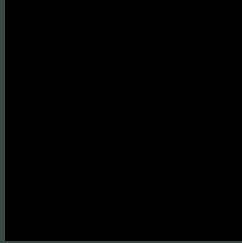
Any Text WCAG AA × Fail

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 3B4943 Background



This preview shows how black text looks on a background with the Hex color 3B4943.



This preview shows how white text looks on a background with the Hex color 3B4943.

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

3B4943

Protanopia

484541

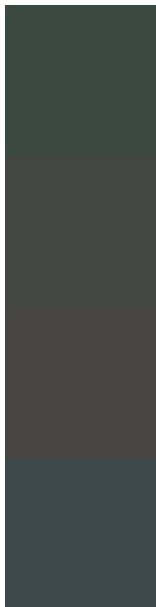
Deuteranopia

4D4344



Tritanopia
3D474D

Trichromacy



Original Color

3B4943

Protanomaly

434642

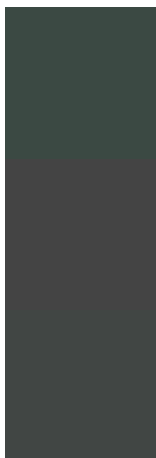
Deuteranomaly

464544

Tritanomaly

3C4849

Monochromacy



Original Color

3B4943

Achromatopsia

444444

Achromatomaly

414644

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4943 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 #3B4943 looks like.

```
.text, #text, p{  
    color:#3B4943  
}
```

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 #3B4943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4943
}
```

Border

The CSS property to change the border of an element to Hex 3B4943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

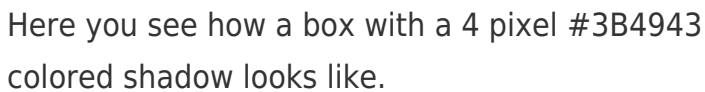
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4943 }
```

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

```
.border{ border-color:#3B4943 }
```

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



Here you see how a box with a 4 pixel #3B4943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4943; -webkit-box-shadow:4px 4px  
4px 4px #3B4943; box-shadow:4px 4px 4px  
4px #3B4943 }
```

Background

The CSS property to change the background color of an element to Hex 3B4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4943 }
```

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

```
.background{ background-color:#3B4943 }
```

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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