

Converting Colors

Hex(3B4547)

Have a look what the booklet for
Hex(3B4547) contains.

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Color

Hex(3B4547)

Conversions

Conversions Part 1

Format	Color
Hex	3B4547
RGB	59, 69, 71
RGB Percent	23%, 27%, 28%
CMY	0.7686, 0.7294, 0.7216
CMYK	0.17, 0.03, 0.00, 0.72
HSL	190°, 9%, 25%
HSV	190°, 17%, 28%
XYZ	5.0691, 5.6410, 6.7829
YIQ	66.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

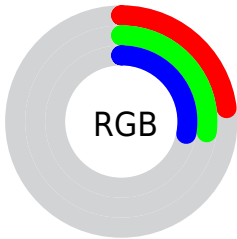
Format	Color
RYB	59, 64, 71
Decimal	3884359
CIELab	28.49, -3.55, -2.58
CIELCh	28, 4.390, 215.987
Yxy	5.6410, 0.2898, 0.3225
Android (android.graphics.Color)	4282074439 (0xFF3B4547)
YUV	66.2380, 2.3477, -6.3477
Hunter-Lab	23.7508, -3.4668, -0.3069

Details

The Hex color **3B4547** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **473D3B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6A7577**, and **111A1C** is the 20% darker color. If you saturate the color by 10%, you get **344447**, and if you desaturate by 10%, it is **424647**.

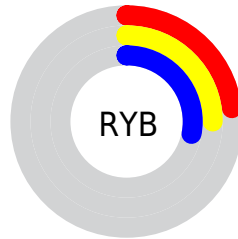
Distribution



Red (23%)

Green (27%)

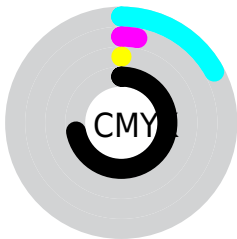
Blue (28%)



Red (23%)

Yellow (25%)

Blue (28%)

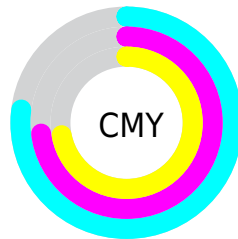


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (72%)



Cyan (77%)

Magenta (73%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4547 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 3B4547 by changing the saturation by 10% instead.

■ 3B4547

■ 3B4547

FFFFFF

■ 252F31

■ 6A7577

■ 111A1C

■ 848F91

■ 000000

■ 9EA9AB

■ B9C4C7

■ D4E0E3

■ F1FDFF

■ 3B4547

■ 3B4547

■ 344447

■ 424647

■ 2D4347

■ 494747

■ 264147

■ 504947

■ 1F4047

■ 574A47

■ 183F47

■ 5F4B47

■ 103E47

■ 664C47

■ 093D47

■ 6D4D47

■ 023C47

■ 744E47

■ 003B47

■ 7B5047

Harmonies

Analogous

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



3B4544



3B4547



3D4449

Triad

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



3B4547



484146



45433C

Complementary

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



3B4547



473D3B

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.



49423D



3B4547



4A4143

Square

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



3B4547



454249



4A413F



41443E

Rectangle

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



3B4547



3F444A



4A413F



47433C

Sweetspot

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



3B4547



575B5C



3B473D



2B2D2E



ADADAD



2E2E2E

Same Dimension

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



3B4547



49595C



3B3F47



202324



005363



00BDE3

Inverse Universe

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



473B45



5C4959



47433B



242023



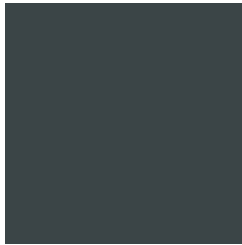
630053



E300BD

Previews

White Background



This preview shows how the Hex color 3B4547 looks on a white background.

Color Contrast Check

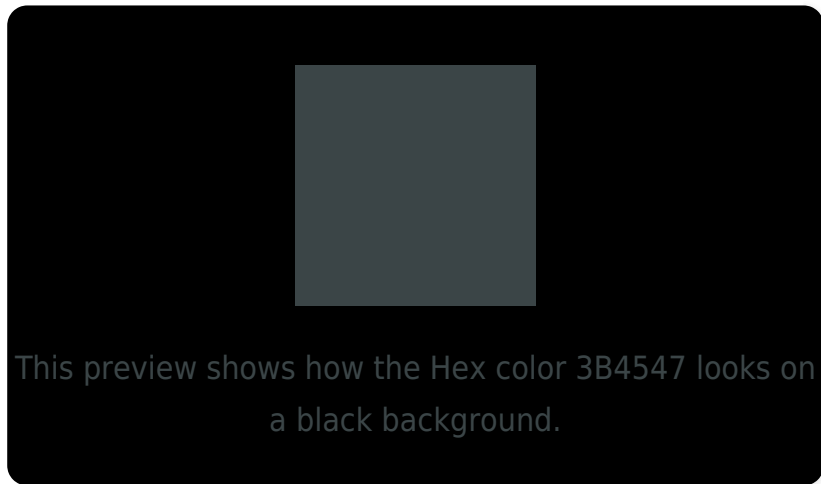
Large Text (above 18pt) WCAG AA ✓ Pass

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

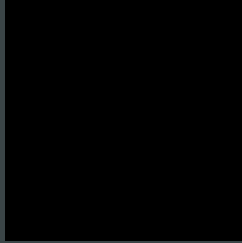
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

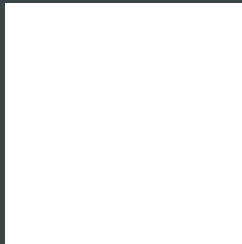
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3B4547 Background



This preview shows how black text looks on a background with the Hex color 3B4547.



This preview shows how white text looks on a background with the Hex color 3B4547.

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
3B4547

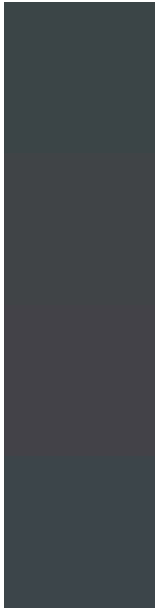
Protanopia
444346

Deuteranopia
474148



Tritanopia
3C454A

Trichromacy



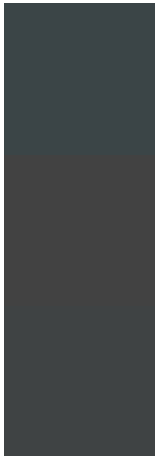
Original Color
3B4547

Protanomaly
414446

Deuteranomaly
434248

Tritanomaly
3C4549

Monochromacy



Original Color
3B4547

Achromatopsia
424242

Achromatomaly
3F4344

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4547 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 #3B4547 looks like.

```
.text, #text, p{  
    color:#3B4547  
}
```

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 #3B4547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4547
}
```

Border

The CSS property to change the border of an element to Hex 3B4547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

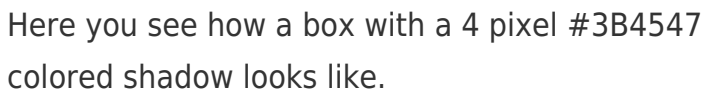
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4547 }
```

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

```
.border{ border-color:#3B4547 }
```

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



Here you see how a box with a 4 pixel #3B4547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4547; -webkit-box-shadow:4px 4px  
4px 4px #3B4547; box-shadow:4px 4px 4px  
4px #3B4547 }
```

Background

The CSS property to change the background color of an element to Hex 3B4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4547 }
```

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

```
.background{ background-color:#3B4547 }
```

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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