

Converting Colors

Hex(3B4947)

Have a look what the booklet for
Hex(3B4947) contains.

Hex(3B4947)	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(3B4947)

Conversions

Conversions Part 1

Format	Color
Hex	3B4947
RGB	59, 73, 71
RGB Percent	23%, 29%, 28%
CMY	0.7686, 0.7137, 0.7216
CMYK	0.19, 0.00, 0.03, 0.71
HSL	171°, 11%, 26%
HSV	171°, 19%, 29%
XYZ	5.3235, 6.1498, 6.8677
YIQ	68.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

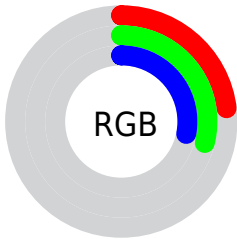
Format	Color
R_{YB}	59, 67, 73
Decimal	3885383
CIE _{Lab}	29.79, -6.06, -0.67
CIE _{LCh}	30, 6.093, 186.300
Yxy	6.1498, 0.2903, 0.3353
Android (android.graphics.Color)	4282075463 (0xFF3B4947)
YUV	68.5860, 1.1901, -8.4069
Hunter-Lab	24.7988, -5.0798, 0.9397

Details

The Hex color **3B4947** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493B3D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6A7A77**, and **111D1C** is the 20% darker color. If you saturate the color by 10%, you get **344946**, and if you desaturate by 10%, it is **424948**.

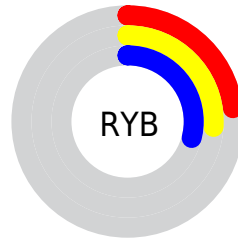
Distribution



Red (23%)

Green (29%)

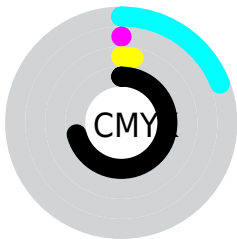
Blue (28%)



Red (23%)

Yellow (26%)

Blue (29%)

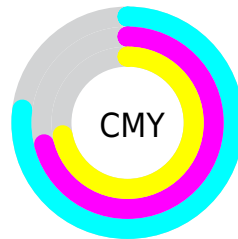


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4947 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 3B4947 by changing the saturation by 10% instead.

■ 3B4947

■ 3B4947

FFFFFF

■ 253231

■ 6A7A77

■ 111D1C

■ 849391

■ 000001

■ 9EAEAB

■ 000000

■ B9C9C7

■ D5E5E3

■ F1FFFF

■ 3B4947

■ 3B4947

■ 344946

■ 424948

■ 2C4945

■ 4A4949

■ 254944

■ 51494A

■ 1E4943

■ 58494B

■ 164942

■ 60494C

■ 0F4941

■ 67494D

■ 084940

■ 6E494E

■ 01493F

■ 75494F

■ 00493F

■ 7D4950

Harmonies

Analogous

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



3E4942



3B4947



3A494C

Triad

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



3B4947



48454E



4E453E

Complementary

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



3B4947



493B3D

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.



504341



3B4947



4D434A

Square

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



3B4947



42464F



504345



49463D

Rectangle

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



3B4947



3C484E



504345



4F443E

Sweetspot

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



3B4947



595E5E



3D493B



2D3030



B0B0B0



303030

Same Dimension

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



3B4947



495E5B



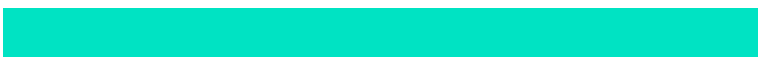
3B4449



202423



006355



00E3C3

Inverse Universe

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



493B3D



5E494C



49403B



242021



63000E



E30020

Previews

White Background



This preview shows how the Hex color 3B4947 looks on a white background.

Color Contrast Check

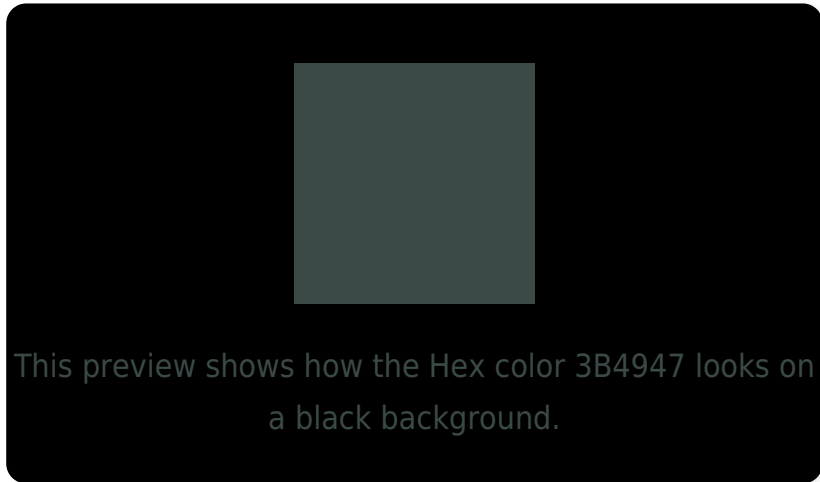
Large Text (above 18pt) WCAG AA ✓ Pass

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

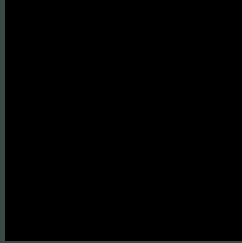
Any Text WCAG AA × Fail

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 3B4947 Background



This preview shows how black text looks on a background with the Hex color 3B4947.



This preview shows how white text looks on a background with the Hex color 3B4947.

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
3B4947

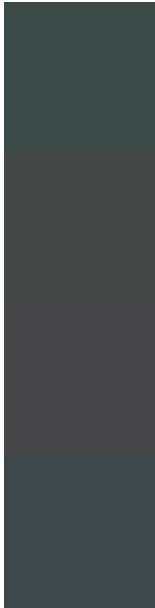
Protanopia
474645

Deuteranopia
4C4448



Tritanopia
3C484E

Trichromacy



Original Color

3B4947

Protanomaly

434746

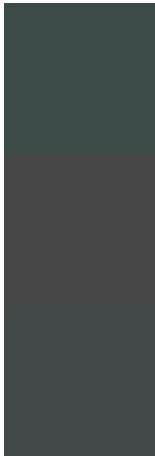
Deuteranomaly

464648

Tritanomaly

3C484B

Monochromacy



Original Color

3B4947

Achromatopsia

454545

Achromatomaly

414646

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4947 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 #3B4947 looks like.

```
.text, #text, p{  
    color:#3B4947  
}
```

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 #3B4947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4947
}
```

Border

The CSS property to change the border of an element to Hex 3B4947 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
#3B4947 }
```

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

```
.border{ border-color:#3B4947 }
```

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

Here you see how a box with a 4 pixel #3B4947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4947; -webkit-box-shadow:4px 4px  
4px 4px #3B4947; box-shadow:4px 4px 4px  
4px #3B4947 }
```

Background

The CSS property to change the background color of an element to Hex 3B4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4947 }
```

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

```
.background{ background-color:#3B4947 }
```

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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