

Converting Colors

Hex(3B4147)

Have a look what the booklet for
Hex(3B4147) contains.

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Color

Hex(3B4147)

Conversions

Conversions Part 1

Format	Color
Hex	3B4147
RGB	59, 65, 71
RGB Percent	23%, 25%, 28%
CMY	0.7686, 0.7451, 0.7216
CMYK	0.17, 0.08, 0.00, 0.72
HSL	210°, 9%, 25%
HSV	210°, 17%, 28%
XYZ	4.8313, 5.1653, 6.7036
YIQ	63.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

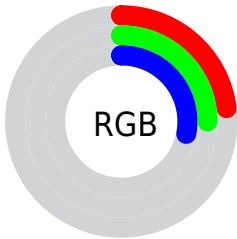
Format	Color
R_{YB}	59, 63, 71
Decimal	3883335
CIE Lab	27.20, -0.99, -4.49
CIE LCh	27, 4.598, 257.510
Yxy	5.1653, 0.2893, 0.3093
Android (android.graphics.Color)	4282073415 (0xFF3B4147)
YUV	63.8900, 3.5052, -4.2885
Hunter-Lab	22.7274, -1.8283, -1.5789

Details

The Hex color **3B4147** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47413B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6A7177**, and **11171C** is the 20% darker color. If you saturate the color by 10%, you get **343D47**, and if you desaturate by 10%, it is **424547**.

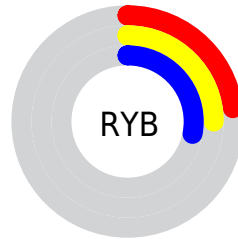
Distribution



Red (23%)

Green (25%)

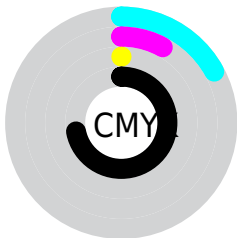
Blue (28%)



Red (23%)

Yellow (25%)

Blue (28%)

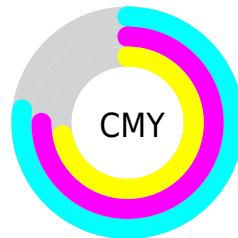


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (72%)



Cyan (77%)

Magenta (75%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4147 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 3B4147 by changing the saturation by 10% instead.

■ 3B4147

■ 3B4147

FFFFFF

■ 252B31

■ 6A7177

■ 11171C

■ 848A91

■ 000000

■ 9EA4AC

■ B9C0C7

■ D4DBE3

■ F1F8FF

■ 3B4147

■ 3B4147

■ 343D47

■ 424547

■ 2D3A47

■ 494847

■ 263647

■ 504C47

■ 1F3347

■ 574F47

■ 182F47

■ 5F5347

■ 102C47

■ 665647

■ 092847

■ 6D5A47

■ 022547

■ 745D47

■ 002447

■ 7B6147

Harmonies

Analogous

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



384245



3B4147



3F4047

Triad

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



3B4147



483E3E



3D423B

Complementary

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



3B4147



47413B

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.



41413A



3B4147



473E3B

Square

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



3B4147



473E42



454039



39423F

Rectangle

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



3B4147



423F46



454039



3E413B

Sweetspot

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



3B4147



575A5C



3B4741



2B2D2E



ADADAD



2E2E2E

Same Dimension

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



3B4147



49535C



3B3B47



202224



003263



0071E3

Inverse Universe

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



473B41



5C4953



47473B



242022



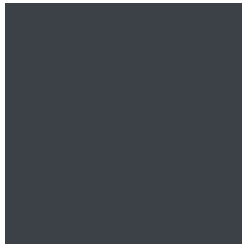
630032



E30071

Previews

White Background



This preview shows how the Hex color 3B4147 looks on a white background.

Color Contrast Check

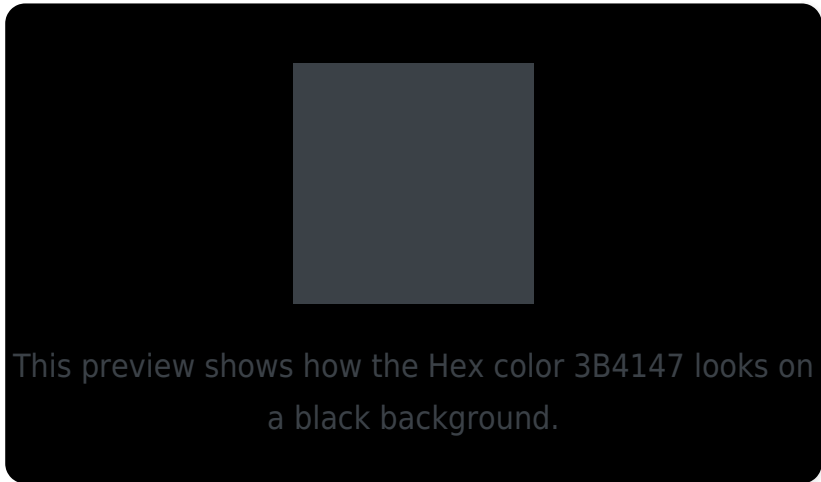
Large Text (above 18pt) WCAG AA ✓ Pass

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

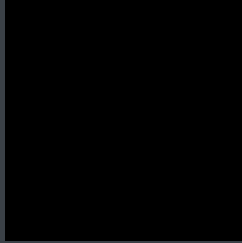
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

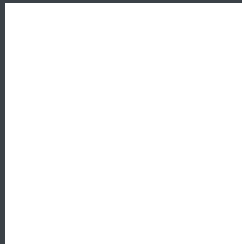
Any Text WCAG AAA × Fail

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

Hex 3B4147 Background



This preview shows how black text looks on a background with the Hex color 3B4147.

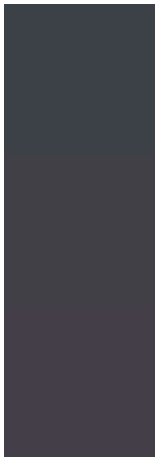


This preview shows how white text looks on a background with the Hex color 3B4147.

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
3B4147

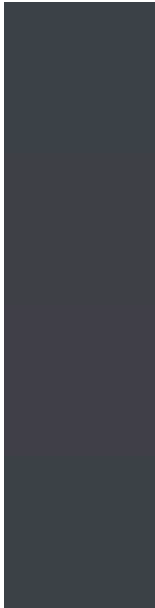
Protanopia
404046

Deuteranopia
433E48



Tritanopia
3B4146

Trichromacy



Original Color

3B4147

Protanomaly

3E4046

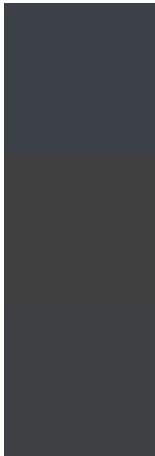
Deuteranomaly

403F48

Tritanomaly

3B4146

Monochromacy



Original Color

3B4147

Achromatopsia

404040

Achromatomaly

3E4043

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4147 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 #3B4147 looks like.

```
.text, #text, p{  
    color:#3B4147  
}
```

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 #3B4147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4147
}
```

Border

The CSS property to change the border of an element to Hex 3B4147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

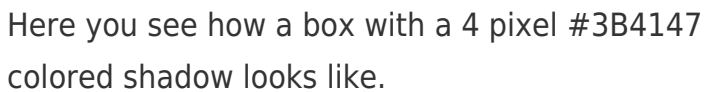
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4147 }
```

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

```
.border{ border-color:#3B4147 }
```

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



Here you see how a box with a 4 pixel #3B4147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4147; -webkit-box-shadow:4px 4px  
4px 4px #3B4147; box-shadow:4px 4px 4px  
4px #3B4147 }
```

Background

The CSS property to change the background color of an element to Hex 3B4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4147 }
```

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

```
.background{ background-color:#3B4147 }
```

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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