

Converting Colors

Hex(3B4146)

Have a look what the booklet for
Hex(3B4146) contains.

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Color

Hex(3B4146)

Conversions

Conversions Part 1

Format	Color
Hex	3B4146
RGB	59, 65, 70
RGB Percent	23%, 25%, 27%
CMY	0.7686, 0.7451, 0.7255
CMYK	0.16, 0.07, 0.00, 0.73
HSL	207°, 9%, 25%
HSV	207°, 16%, 27%
XYZ	4.7994, 5.1526, 6.5359
YIQ	63.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

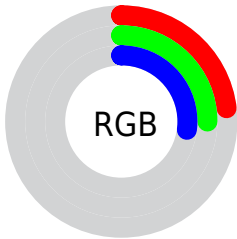
Format	Color
RYB	59, 63, 70
Decimal	3883334
CIELab	27.17, -1.25, -3.89
CIELCh	27, 4.082, 252.184
Yxy	5.1526, 0.2911, 0.3125
Android (android.graphics.Color)	4282073414 (0xFF3B4146)
YUV	63.7760, 3.0684, -4.1886
Hunter-Lab	22.6993, -1.9828, -1.1822

Details

The Hex color **3B4146** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46403B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6A7176**, and **11171B** is the 20% darker color. If you saturate the color by 10%, you get **343E46**, and if you desaturate by 10%, it is **424446**.

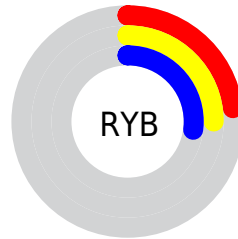
Distribution



Red (23%)

Green (25%)

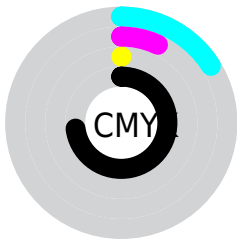
Blue (27%)



Red (23%)

Yellow (25%)

Blue (27%)

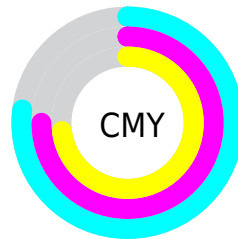


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (73%)



Cyan (77%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4146 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 3B4146 by changing the saturation by 10% instead.



3B4146



3B4146

FFFFFF



252B30



6A7176



11171B



838A90



000000



9EA4AA



B9C0C6



D4DBE2



F1F8FE



3B4146



3B4146



343E46



424446

■ 2D3B46

■ 494746

■ 263746

■ 504B46

■ 1F3446

■ 574E46

■ 183146

■ 5E5146

■ 112E46

■ 655446

■ 0A2B46

■ 6C5746

■ 032846

■ 735A46

■ 002646

■ 7A5E46

Harmonies

Analogous

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



394244



3B4146



3F4046

Triad

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



3B4146



473E3F



3E413C

Complementary

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



3B4146



46403B

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.



41403A



3B4146



473E3C

Square

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



3B4146



453E42



453F3A



3B423E

Rectangle

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



3B4146



413F45



453F3A



3F413B

Sweetspot

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



3B4146



575A5C



3B4640



2B2D2E



ADADAD



2E2E2E

Same Dimension

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



3B4146



4A545C



3B3C46



202224



003663



007CE3

Inverse Universe

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



463B41



5C4A54



46453B



242022



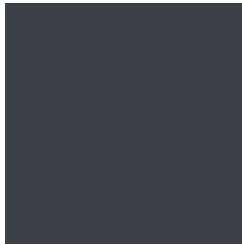
630036



E3007C

Previews

White Background



This preview shows how the Hex color 3B4146 looks on a white background.

Color Contrast Check

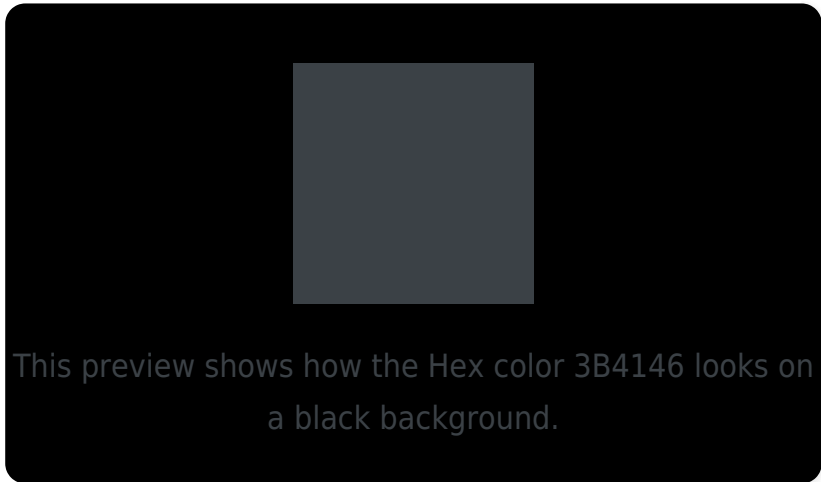
Large Text (above 18pt) WCAG AA ✓ Pass

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

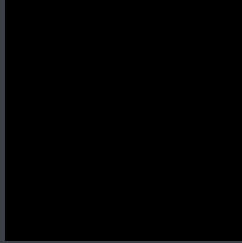
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

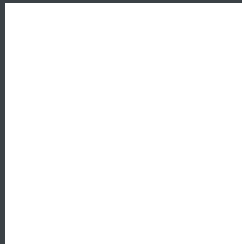
Any Text WCAG AAA × Fail

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

Hex 3B4146 Background



This preview shows how black text looks on a background with the Hex color 3B4146.

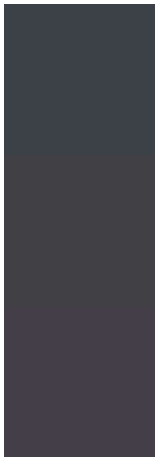


This preview shows how white text looks on a background with the Hex color 3B4146.

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
3B4146

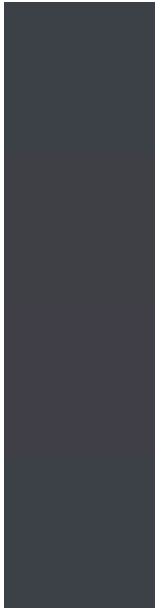
Protanopia
404045

Deuteranopia
433E47



Tritanopia
3B4146

Trichromacy



Original Color

3B4146

Protanomaly

3E4045

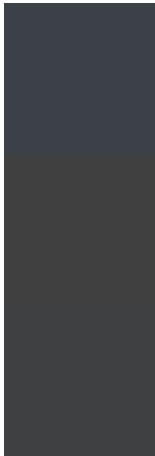
Deuteranomaly

403F47

Tritanomaly

3B4146

Monochromacy



Original Color

3B4146

Achromatopsia

404040

Achromatomaly

3E4042

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4146 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 #3B4146 looks like.

```
.text, #text, p{  
    color:#3B4146  
}
```

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 #3B4146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4146
}
```

Border

The CSS property to change the border of an element to Hex 3B4146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

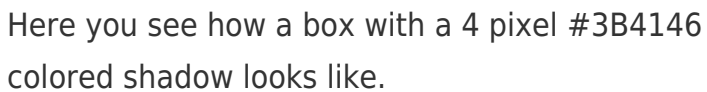
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4146 }
```

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

```
.border{ border-color:#3B4146 }
```

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



Here you see how a box with a 4 pixel #3B4146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4146; -webkit-box-shadow:4px 4px  
4px 4px #3B4146; box-shadow:4px 4px 4px  
4px #3B4146 }
```

Background

The CSS property to change the background color of an element to Hex 3B4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4146 }
```

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

```
.background{ background-color:#3B4146 }
```

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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