

Converting Colors

Hex(3B4C64)

Have a look what the booklet for
Hex(3B4C64) contains.

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Color

Hex(3B4C64)

Conversions

Conversions Part 1

Format	Color
Hex	3B4C64
RGB	59, 76, 100
RGB Percent	23%, 30%, 39%
CMY	0.7686, 0.7020, 0.6078
CMYK	0.41, 0.24, 0.00, 0.61
HSL	215°, 26%, 31%
HSV	215°, 41%, 39%
XYZ	6.6883, 7.0188, 13.0588
YIQ	73.6530, -17.8360, 3.8600

Conversions

Conversions Part 2

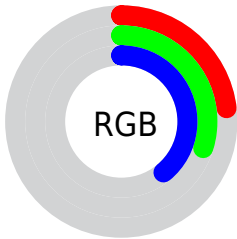
Format	Color
RYB	59, 71, 100
Decimal	3886180
CIELab	31.85, 0.18, -16.13
CIElCh	32, 16.132, 270.628
Yxy	7.0188, 0.2499, 0.2622
Android (android.graphics.Color)	4282076260 (0xFF3B4C64)
YUV	73.6530, 12.9891, -12.8507
Hunter-Lab	26.4930, -1.2993, -10.6799

Details

The Hex color **3B4C64** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64533B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6C7D97**, and **0C2035** is the 20% darker color. If you saturate the color by 10%, you get **314664**, and if you desaturate by 10%, it is **455264**.

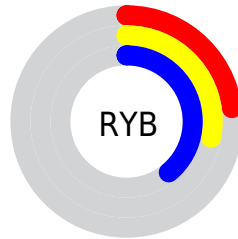
Distribution



Red (23%)

Green (30%)

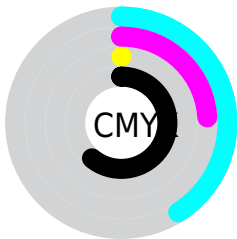
Blue (39%)



Red (23%)

Yellow (28%)

Blue (39%)

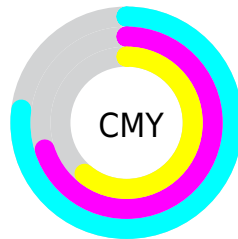


Cyan (41%)

Magenta (24%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (70%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4C64 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 3B4C64 by changing the saturation by 10% instead.



3B4C64



3B4C64

FFFFFF



24354C



6C7D97



0C2035



8697B2



000820



A0B1CD



000005



BBCDE9



000000



D7E9FF



F4FFFF



3B4C64



3B4C64



314664



455264

■ 274064

■ 4F5864

■ 1D3A64

■ 595E64

■ 133564

■ 636364

■ 092F64

■ 6D6964

■ 002964

■ 776F64

■ 817564

■ 8B7B64

■ 958164

Harmonies

Analogous

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



2A5061



3B4C64



4D4861

Triad

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



3B4C64



64433F



37513E

Complementary

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



3B4C64



64533B

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.



464E35



3B4C64



5E4635

Square

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



3B4C64



63424B



544A32



2A524B

Rectangle

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



3B4C64



57455B



544A32



3C503B

Sweetspot

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



3B4C64



727982



3B6453



393D42



C2C2C2



424242

Same Dimension

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



3B4C64



425D82



3E3B64



2E3033



003073



0064F2

Inverse Universe

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



643B4C



82425D



61643B



332E30



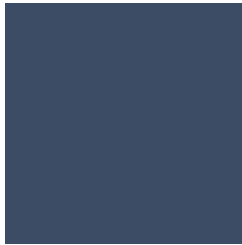
730030



F20064

Previews

White Background



This preview shows how the Hex color 3B4C64 looks on a white background.

Color Contrast Check

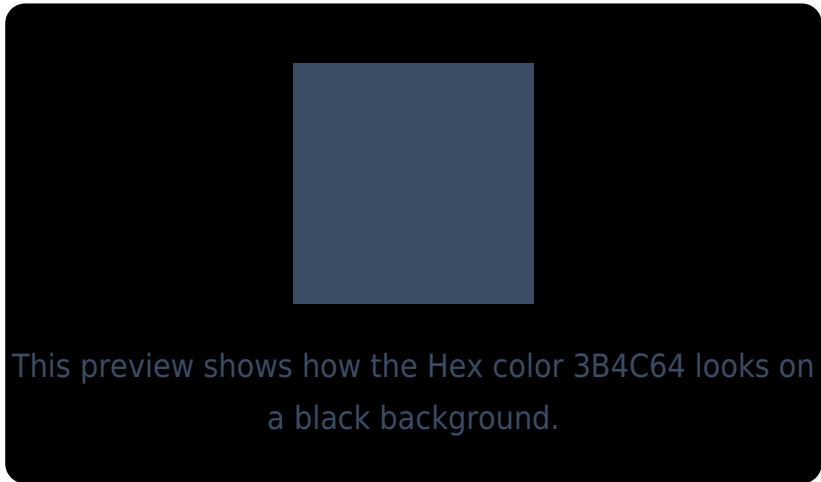
Large Text (above 18pt) WCAG AA ✓ Pass

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

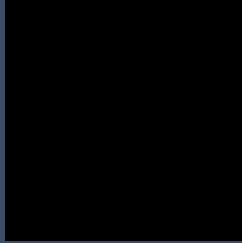
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

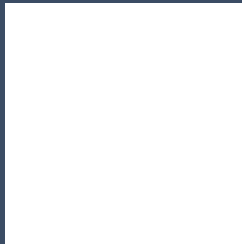
Any Text WCAG AAA × Fail

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

Hex 3B4C64 Background



This preview shows how black text looks on a background with the Hex color 3B4C64.

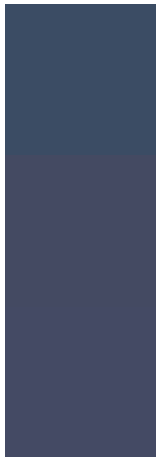


This preview shows how white text looks on a background with the Hex color 3B4C64.

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
3B4C64

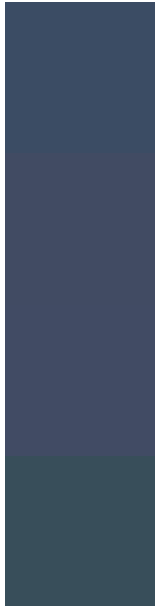
Protanopia
444A62

Deuteranopia
444A64



Tritanopia
374F55

Trichromacy



Original Color

3B4C64

Protanomaly

414B63

Deuteranomaly

414B64

Tritanomaly

384E5A

Monochromacy



Original Color

3B4C64

Achromatopsia

4A4A4A

Achromatomaly

454B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4C64 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 #3B4C64 looks like.

```
.text, #text, p{  
    color:#3B4C64  
}
```

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 #3B4C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4C64
}
```

Border

The CSS property to change the border of an element to Hex 3B4C64 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
#3B4C64 }
```

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

```
.border{ border-color:#3B4C64 }
```

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

Here you see how a box with a 4 pixel #3B4C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4C64; -webkit-box-shadow:4px 4px  
4px 4px #3B4C64; box-shadow:4px 4px 4px  
4px #3B4C64 }
```

Background

The CSS property to change the background color of an element to Hex 3B4C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4C64 }
```

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

```
.background{ background-color:#3B4C64 }
```

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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