

Converting Colors

Hex(3B4665)

Have a look what the booklet for
Hex(3B4665) contains.

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Color

Hex(3B4665)

Conversions

Conversions Part 1

Format	Color
Hex	3B4665
RGB	59, 70, 101
RGB Percent	23%, 27%, 40%
CMY	0.7686, 0.7255, 0.6039
CMYK	0.42, 0.31, 0.00, 0.60
HSL	224°, 26%, 31%
HSV	224°, 42%, 40%
XYZ	6.3428, 6.2497, 13.1839
YIQ	70.2450, -16.5070, 7.3090

Conversions

Conversions Part 2

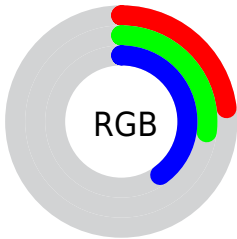
Format	Color
R_{YB}	59, 68, 101
Decimal	3884645
CIE _{Lab}	30.03, 4.39, -19.58
CIE _{LCh}	30, 20.061, 282.626
Yxy	6.2497, 0.2461, 0.2425
Android (android.graphics.Color)	4282074725 (0xFF3B4665)
YUV	70.2450, 15.1622, -9.8619
Hunter-Lab	24.9994, 1.5393, -13.7681

Details

The Hex color **3B4665** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **655A3B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6C7698**, and **0B1B36** is the 20% darker color. If you saturate the color by 10%, you get **313F65**, and if you desaturate by 10%, it is **454D65**.

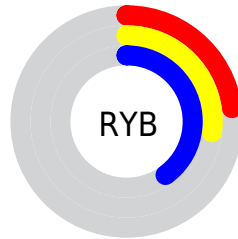
Distribution



Red (23%)

Green (27%)

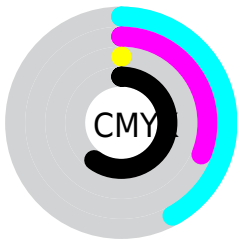
Blue (40%)



Red (23%)

Yellow (27%)

Blue (40%)

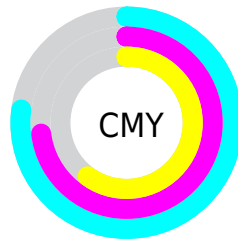


Cyan (42%)

Magenta (31%)

Yellow (0%)

Black (60%)



Cyan (77%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4665 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 3B4665 by changing the saturation by 10% instead.



3B4665



3B4665

FFFFFF



24304D



6C7698



0B1B36



8690B3



000021



A0AACE



000006



BCC5EB



000000



D8E1FF



F4FEFF



3B4665



3B4665



313F65



454D65

■ 273765

■ 4F5565

■ 1D3065

■ 595C65

■ 132865

■ 636465

■ 082165

■ 6E6B65

■ 001A65

■ 787365

■ 827A65

■ 8C8265

■ 968965

Harmonies

Analogous

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



204B64



3B4665



51405E

Triad

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



3B4665



623E32



264E3D

Complementary

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



3B4665



655A3B

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.



394C2F



3B4665



594329

Square

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



3B4665



653B41



4B4828



104F4D

Rectangle

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



3B4665



5C3D55



4B4828



2C4E38

Sweetspot

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



3B4665



727782



3B655A



393B42



C2C2C2



424242

Same Dimension

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



3B4665



415282



453B65



2E2F33



001E73



003FF2

Inverse Universe

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



653B46



824152



5B653B



332E2F



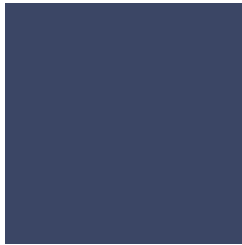
73001E



F2003F

Previews

White Background



This preview shows how the Hex color 3B4665 looks on a white background.

Color Contrast Check

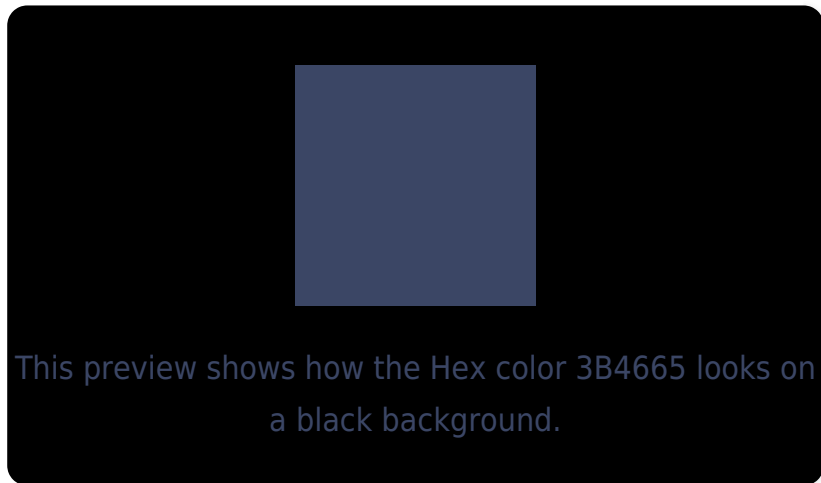
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B4665 Background



This preview shows how black text looks on a background with the Hex color 3B4665.

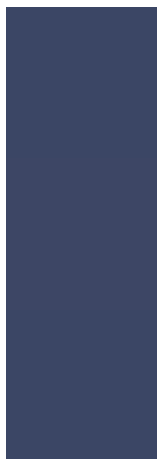


This preview shows how white text looks on a background with the Hex color 3B4665.

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

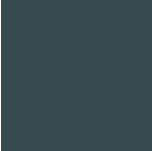
3B4665

Protanopia

3D4665

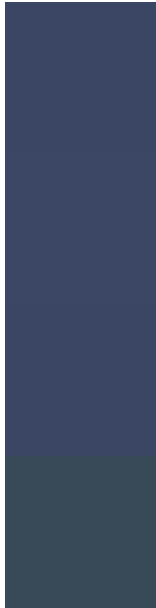
Deuteranopia

3B4665



Tritanopia
364A50

Trichromacy



Original Color

3B4665

Protanomaly

3C4665

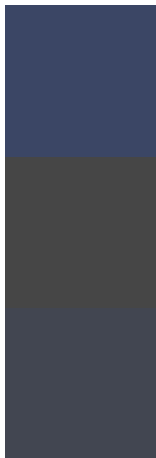
Deuteranomaly

3B4665

Tritanomaly

384958

Monochromacy



Original Color

3B4665

Achromatopsia

464646

Achromatomaly

424651

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4665 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 #3B4665 looks like.

```
.text, #text, p{  
    color:#3B4665  
}
```

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 #3B4665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4665  
}
```

Border

The CSS property to change the border of an element to Hex 3B4665 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  
#3B4665 }
```

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

```
.border{ border-color:#3B4665 }
```

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

Here you see how a box with a 4 pixel #3B4665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4665; -webkit-box-shadow:4px 4px  
4px 4px #3B4665; box-shadow:4px 4px 4px  
4px #3B4665 }
```

Background

The CSS property to change the background color of an element to Hex 3B4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4665 }
```

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

```
.background{ background-color:#3B4665 }
```

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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