

# Converting Colors

Hex(3B664F)

Have a look what the booklet for  
Hex(3B664F) contains.

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# Color

**Hex(3B664F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B664F
RGB	59, 102, 79
RGB Percent	23%, 40%, 31%
CMY	0.7686, 0.6000, 0.6902
CMYK	0.42, 0.00, 0.23, 0.60
HSL	148°, 27%, 32%
HSV	148°, 42%, 40%
XYZ	7.9663, 10.9971, 9.0999
YIQ	86.5210, -18.2450, -16.2690

# Conversions

## Conversions Part 2

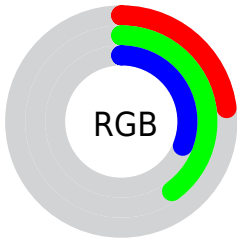
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 88, 102
Decimal	3892815
CIE <sub>Lab</sub>	39.58, -20.74, 8.38
CIE <sub>LCh</sub>	40, 22.364, 158.000
Yxy	10.9971, 0.2839, 0.3919
Android (android.graphics.Color)	4282082895 (0xFF3B664F)
YUV	86.5210, -3.7079, -24.1359
Hunter-Lab	33.1618, -15.1531, 6.9435

# Details

The Hex color **3B664F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663B52**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6C9980**, and **0A3723** is the 20% darker color. If you saturate the color by 10%, you get **31664A**, and if you desaturate by 10%, it is **456654**.

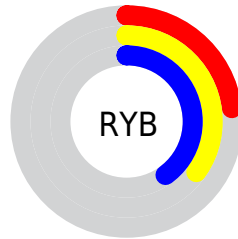
# Distribution



Red (23%)

Green (40%)

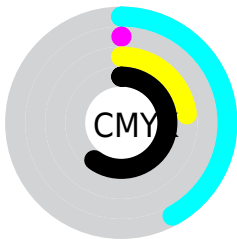
Blue (31%)



Red (23%)

Yellow (35%)

Blue (40%)

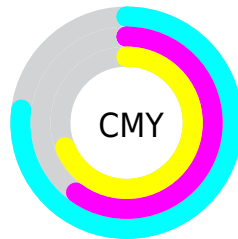


Cyan (42%)

Magenta (0%)

Yellow (23%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B664F 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 3B664F by changing the saturation by 10% instead.





3B664F



3B664F

FFFFFF



234E38



6C9980



0A3723



86B49A



00210D



A1D0B5



000000



BCECD1



D8FFED



F5FFFF



3B664F




3B664F



31664A



456654

 276644

 4F665A

 1C663F

 5A665F

 126639

 646665

 086634

 6E666A

 00662F

 786670

 826675

 8D667B

 976680

# Harmonies

## Analogous

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



516340



3B664F



256762

# Triad

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



3B664F



4C5D81



7F5248

# Complementary

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



3B664F



663B52

# 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.



814F59



3B664F



66577A

# Square

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



3B664F



2F637F



78516B



75573C

# Rectangle

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



3B664F



1B676E



78516B



81514D



# Sweetspot

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



3B664F



73857B



53663B



38423D



C2C2C2



424242



# Same Dimension

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



3B664F



418560



3B6664



2E3330



007335



00F271



# Inverse Universe

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



663B52



854165



663B3D



332E31



73003D

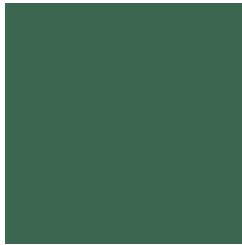


F20082



# Previews

## White Background



This preview shows how the Hex color 3B664F looks on a white background.

## Color Contrast Check

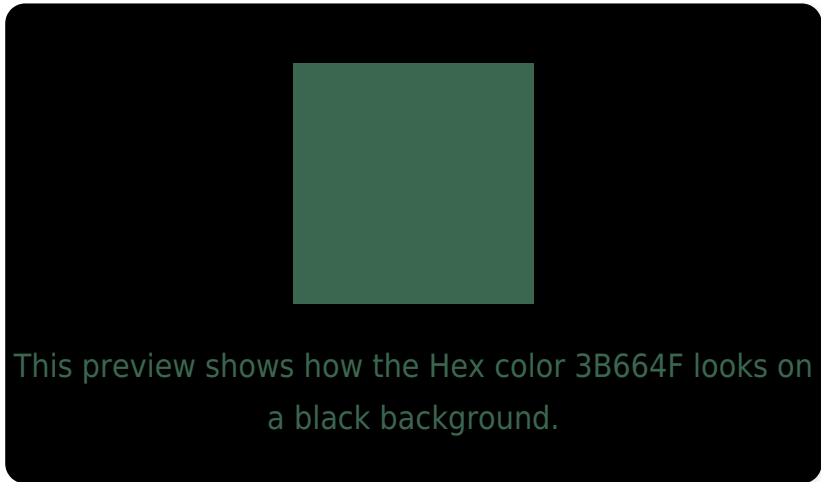
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

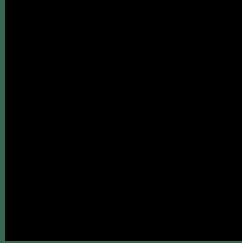
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B664F Background



This preview shows how black text looks on a background with the Hex color 3B664F.



This preview shows how white text looks on a background with the Hex color 3B664F.

# 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**  
3B664F

**Protanopia**  
635D4A

**Deuteranopia**  
6A5952



**Tritanopia**  
41626A

# Trichromacy



**Original Color**  
3B664F

**Protanomaly**  
54604C

**Deuteranomaly**  
595E51

**Tritanomaly**  
3F6360

# Monochromacy



**Original Color**  
3B664F

**Achromatopsia**  
575757

**Achromatomaly**  
4D5C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B664F 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 #3B664F looks like.

```
.text, #text, p{  
    color:#3B664F  
}
```

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 #3B664F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B664F
}
```

## Border

The CSS property to change the border of an element to Hex 3B664F 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".

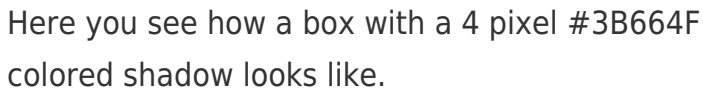
```
.border, #border, table{ border:4px solid
#3B664F }
```

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

```
.border{ border-color:#3B664F }
```

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

Here you see how a box with a 4 pixel #3B664F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B664F; -webkit-box-shadow:4px 4px  
4px 4px #3B664F; box-shadow:4px 4px 4px  
4px #3B664F }
```

# Background

The CSS property to change the background color of an element to Hex 3B664F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B664F }
```

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

```
.background{ background-color:#3B664F }
```

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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