

# Converting Colors

Hex(3F4663)

Have a look what the booklet for  
Hex(3F4663) contains.

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# Color

**Hex(3F4663)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F4663
RGB	63, 70, 99
RGB Percent	25%, 27%, 39%
CMY	0.7529, 0.7255, 0.6118
CMYK	0.36, 0.29, 0.00, 0.61
HSL	228°, 22%, 32%
HSV	228°, 36%, 39%
XYZ	6.4922, 6.3379, 12.6855
YIQ	71.2130, -13.4810, 7.5350

# Conversions

## Conversions Part 2

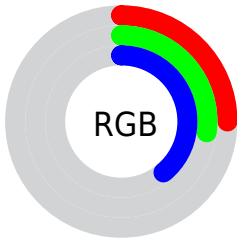
Format	Color
<a href="#">RYB</a>	<a href="#">63, 69, 99</a>
Decimal	<a href="#">4146787</a>
CIELab	<a href="#">30.25, 5.04, -17.94</a>
CIElCh	<a href="#">30, 18.635, 285.680</a>
Yxy	<a href="#">6.3379, 0.2544, 0.2484</a>
Android (android.graphics.Color)	<a href="#">4282336867 (0xFF3F4663)</a>
YUV	<a href="#">71.2130, 13.6990, -7.2028</a>
Hunter-Lab	<a href="#">25.1752, 1.9749, -12.2529</a>

# Details

The Hex color **3F4663** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **635C3F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **707696**, and **111B34** is the 20% darker color. If you saturate the color by 10%, you get **353E63**, and if you desaturate by 10%, it is **494E63**.

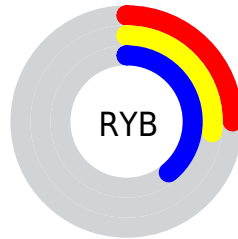
# Distribution



Red (25%)

Green (27%)

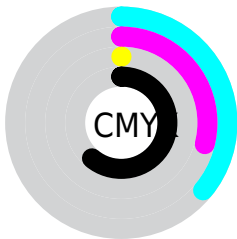
Blue (39%)



Red (25%)

Yellow (27%)

Blue (39%)

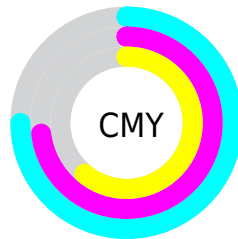


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (61%)



Cyan (75%)

Magenta (73%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4663 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 3F4663 by changing the saturation by 10% instead.





3F4663



3F4663

FFFFFF



28304B



707696



111B34



8A90B1



00001F



A4AACC



000003



C0C5E8



000000



DCE1FF



F8FEFF



3F4663



3F4663



353E63



494E63

■ 2B3663

■ 535663

■ 212E63

■ 5D5E63

■ 172663

■ 676663

■ 0D1E63

■ 716E63

■ 041663

■ 7A7663

■ 001363

■ 847E63

■ 8E8663

■ 988E63

# Harmonies

## Analogous

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



284B63



3F4663



53415C

# Triad

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



3F4663



613F33



274F40

# Complementary

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



3F4663



635C3F

# 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.



394C33



3F4663



57442B

# Square

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



3F4663



643C40



49492B



174F4F

# Rectangle

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



3F4663



5C3E53



49492B



2D4E3B



# Sweetspot

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



3F4663



717480



3F635C



373940



BFBFBF



404040



# Same Dimension

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



3F4663



475280



4A3F63



2C2D30



001670



002FF0



# Inverse Universe

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



633F46



804752



58633F



302C2D



700016



F0002F



# Previews

## White Background



This preview shows how the Hex color 3F4663 looks on a white background.

## Color Contrast Check

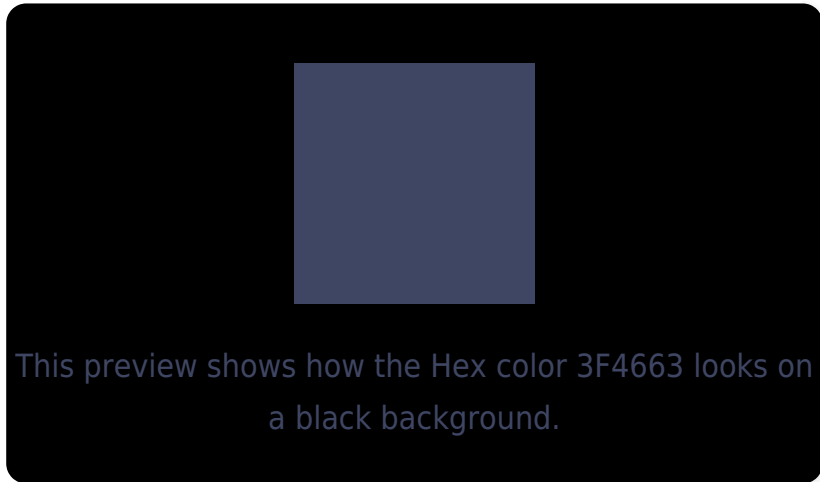
Large Text (above 18pt) WCAG AA ✓ Pass

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

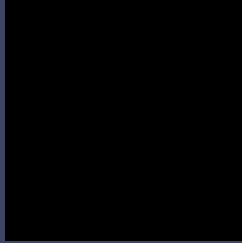
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F4663 Background



This preview shows how black text looks on a background with the Hex color 3F4663.



This preview shows how white text looks on a background with the Hex color 3F4663.

# 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](#).

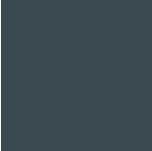
## Dichromacy



**Original Color**  
3F4663

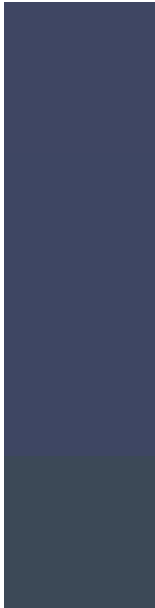
**Protanopia**  
3E4663

**Deuteranopia**  
3E4663



**Tritanopia**  
3A4A50

# Trichromacy



**Original Color**  
3F4663

**Protanomaly**  
3E4663

**Deuteranomaly**  
3E4663

**Tritanomaly**  
3C4957

# Monochromacy



**Original Color**  
3F4663

**Achromatopsia**  
474747

**Achromatomaly**  
444751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4663 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 #3F4663 looks like.

```
.text, #text, p{  
    color:#3F4663  
}
```

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 #3F4663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4663
}
```

## Border

The CSS property to change the border of an element to Hex 3F4663 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
#3F4663 }
```

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

```
.border{ border-color:#3F4663 }
```

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

Here you see how a box with a 4 pixel #3F4663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4663; -webkit-box-shadow:4px 4px  
4px 4px #3F4663; box-shadow:4px 4px 4px  
4px #3F4663 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4663 }
```

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

```
.background{ background-color:#3F4663 }
```

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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