

# Converting Colors

Hex(34616F)

Have a look what the booklet for  
Hex(34616F) contains.

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# Color

**Hex(34616F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	34616F
RGB	52, 97, 111
RGB Percent	20%, 38%, 44%
CMY	0.7961, 0.6196, 0.5647
CMYK	0.53, 0.13, 0.00, 0.56
HSL	194°, 36%, 32%
HSV	194°, 53%, 44%
XYZ	8.5601, 10.4271, 16.6004
YIQ	85.1410, -31.3140, -5.1860

# Conversions

## Conversions Part 2

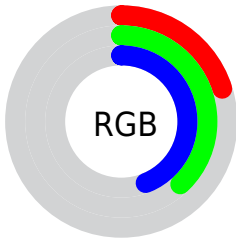
Format	Color
<b>RYB</b>	52, 78, 111
Decimal	3432815
CIELab	38.60, -11.22, -12.71
CIElCh	39, 16.950, 228.569
Yxy	10.4271, 0.2405, 0.2930
Android (android.graphics.Color)	4281622895 (0xFF34616F)
YUV	85.1410, 12.7485, -29.0647
Hunter-Lab	32.2911, -9.1905, -7.8764

# Details

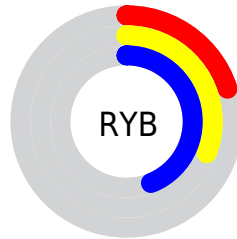
The Hex color **34616F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4234**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6794A3**, and **00333F** is the 20% darker color. If you saturate the color by 10%, you get **295E6F**, and if you desaturate by 10%, it is **3F646F**.

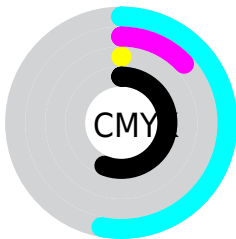
# Distribution



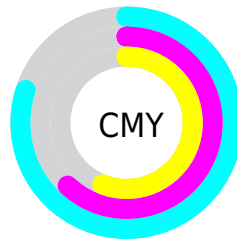
- Red (20%)
- Green (38%)
- Blue (44%)



- Red (20%)
- Yellow (31%)
- Blue (44%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (62%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34616F 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 34616F by changing the saturation by 10% instead.





34616F



34616F

FFFFFF



194957



6794A3



00333F



81AEBE



001E29



9CCADA



000115



B8E6F6



000000



D4FFFF



F1FFFF



34616F



34616F



295E6F



3F646F

■ 1E5C6F

■ 4A666F

■ 13596F

■ 55696F

■ 08566F

■ 606C6F

■ 00556F

■ 6C6E6F

■ 77716F

■ 82736F

■ 8D766F

■ 98796F

# Harmonies

## Analogous

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



336363



34616F



425E75

# Triad

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



34616F



735161



5C5D41

# Complementary

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



34616F



6F4234

# 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.



6A5840



34616F



775153

# Square

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



34616F



67556D



735447



4C6048

# Rectangle

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



34616F



4F5B76



735447



615B40



# Sweetspot

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



34616F



7A8C91



346F42



3C474A



C9C9C9



4A4A4A



# Same Dimension

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



34616F



347B91



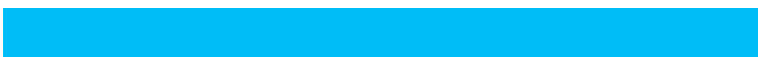
34446F



323738



005B78



00BDF7



# Inverse Universe

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



6F3461



91347B



6F5F34



383237



78005B

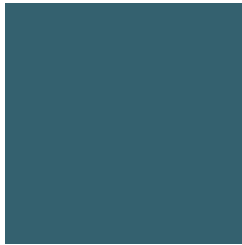


F700BD



# Previews

## White Background



This preview shows how the Hex color 34616F looks on a white background.

## Color Contrast Check

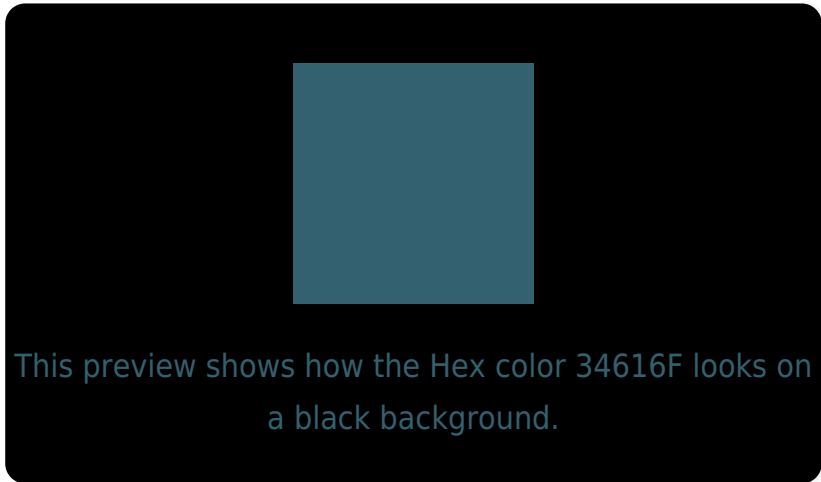
Large Text (above 18pt) WCAG AA ✓ Pass

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

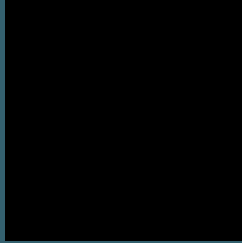
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

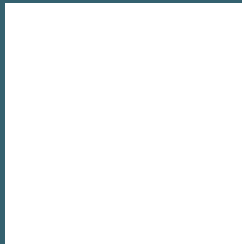
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34616F Background



This preview shows how black text looks on a background with the Hex color 34616F.

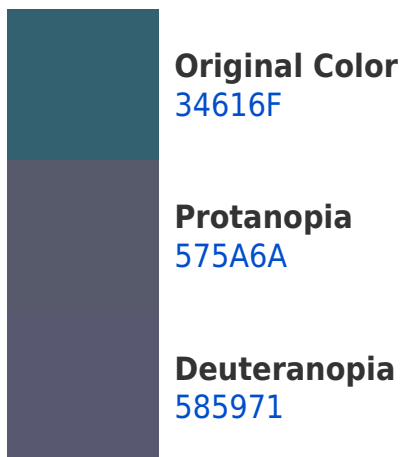



This preview shows how white text looks on a background with the Hex color 34616F.

# 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](#).

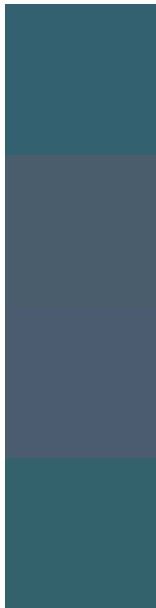
## Dichromacy





**Tritanopia**  
32626A

# Trichromacy



**Original Color**  
34616F

**Protanomaly**  
4A5D6C

**Deuteranomaly**  
4B5C70

**Tritanomaly**  
33626C

# Monochromacy



**Original Color**  
34616F

**Achromatopsia**  
555555

**Achromatomaly**  
49595E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34616F 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 #34616F looks like.

```
.text, #text, p{  
    color:#34616F  
}
```

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 #34616F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34616F  
}
```

## Border

The CSS property to change the border of an element to Hex 34616F 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  
#34616F }
```

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

```
.border{ border-color:#34616F }
```

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

Here you see how a box with a 4 pixel #34616F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34616F; -webkit-box-shadow:4px 4px  
4px 4px #34616F; box-shadow:4px 4px 4px  
4px #34616F }
```

# Background

The CSS property to change the background color of an element to Hex 34616F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34616F }
```

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

```
.background{ background-color:#34616F }
```

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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