

# Converting Colors

Hex(316F6F)

Have a look what the booklet for  
Hex(316F6F) contains.

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# Color

**Hex(316F6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	316F6F
RGB	49, 111, 111
RGB Percent	19%, 44%, 44%
CMY	0.8078, 0.5647, 0.5647
CMYK	0.56, 0.00, 0.00, 0.56
HSL	180°, 39%, 31%
HSV	180°, 56%, 44%
XYZ	9.8203, 13.1695, 17.0633
YIQ	92.4620, -36.9520, -13.1440

# Conversions

## Conversions Part 2

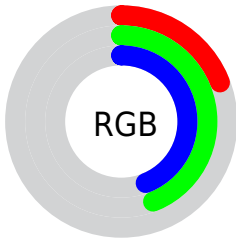
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 80, 111
Decimal	3239791
CIE <sub>Lab</sub>	43.02, -19.77, -6.07
CIE <sub>LCh</sub>	43, 20.678, 197.080
Yxy	13.1695, 0.2452, 0.3288
Android (android.graphics.Color)	4281429871 (0xFF316F6F)
YUV	92.4620, 9.1392, -38.1162
Hunter-Lab	36.2899, -15.2039, -2.4750

# Details

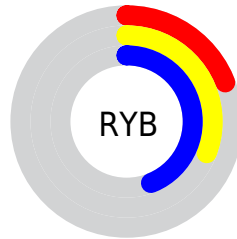
The Hex color **316F6F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F3131**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **66A3A3**, and **003F3F** is the 20% darker color. If you saturate the color by 10%, you get **266F6F**, and if you desaturate by 10%, it is **3C6F6F**.

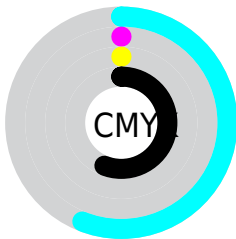
# Distribution



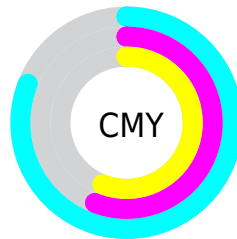
- Red (19%)
- Green (44%)
- Blue (44%)



- Red (19%)
- Yellow (31%)
- Blue (44%)



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



- Cyan (81%)
- Magenta (56%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 316F6F 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 316F6F by changing the saturation by 10% instead.



■ 316F6F

■ 316F6F

FFFFFF

■ 135657

■ 66A3A3

■ 003F3F

■ 80BEBE

■ 00292A

■ 9CDAD9

■ 001315

■ B7F7F6

■ 000000

■ D4FFFF

■ F1FFFF

■ 316F6F

■ 316F6F

■ 266F6F

■ 3C6F6F

1B6F6F

476F6F

106F6F

526F6F

056F6F

5D6F6F

006F6F

696F6F

746F6F

7F6F6F

8A6F6F

956F6F

# Harmonies

## Analogous

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



406F5D



316F6F



316D7E

# Triad

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



316F6F



745E7D



786245

# Complementary

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



316F6F



6F3131

# 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.



845C4D



316F6F



835A6E

# Square

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



316F6F



5E6486



88595C



686845

# Rectangle

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



316F6F



3D6B85



88595C



7D6047



# Sweetspot

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



316F6F



799191



316F31



3B4A4A



C9C9C9



4A4A4A



# Same Dimension

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



316F6F



309191



31506F



323838



007878



00F7F7



# Inverse Universe

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



6F316F



913091



6F5031



383238



780078

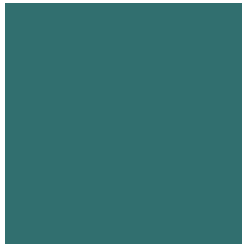


F700F7



# Previews

## White Background



This preview shows how the Hex color 316F6F looks on a white background.

## Color Contrast Check

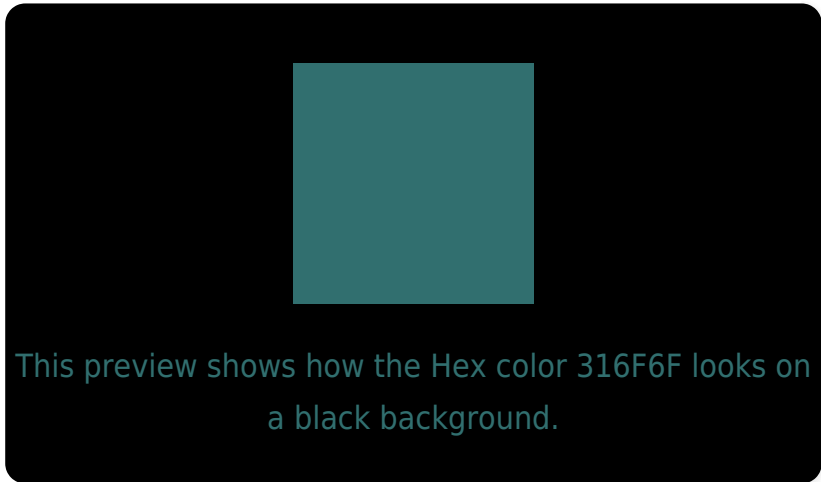
Large Text (above 18pt) WCAG AA ✓ Pass

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

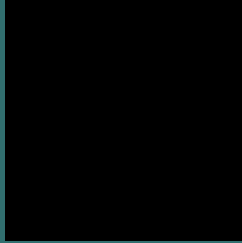
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 316F6F Background



This preview shows how black text looks on a background with the Hex color 316F6F.

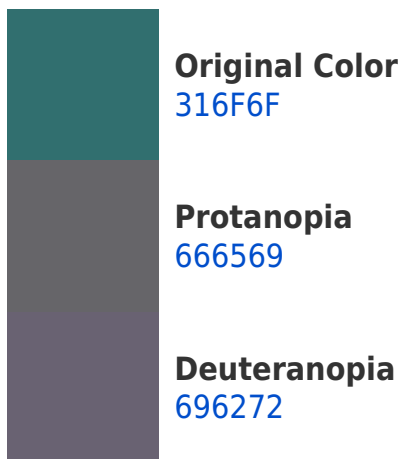


This preview shows how white text looks on a background with the Hex color 316F6F.

# 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](#).

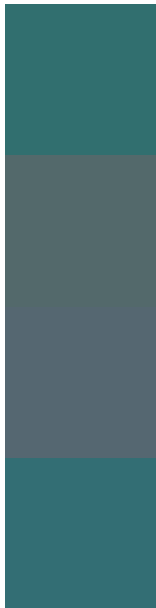
## Dichromacy





**Tritanopia**  
346E77

# Trichromacy



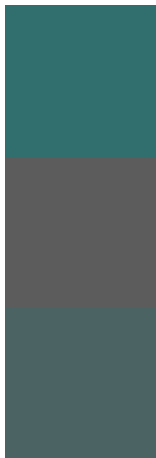
**Original Color**  
316F6F

**Protanomaly**  
53696B

**Deuteranomaly**  
556771

**Tritanomaly**  
336E74

# Monochromacy



**Original Color**  
316F6F

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
4C6363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 316F6F 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 #316F6F looks like.

```
.text, #text, p{  
    color:#316F6F  
}
```

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 #316F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316F6F
}
```

## Border

The CSS property to change the border of an element to Hex 316F6F 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
#316F6F }
```

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

```
.border{ border-color:#316F6F }
```

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

Here you see how a box with a 4 pixel #316F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316F6F; -webkit-box-shadow:4px 4px  
4px 4px #316F6F; box-shadow:4px 4px 4px  
4px #316F6F }
```

# Background

The CSS property to change the background color of an element to Hex 316F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316F6F }
```

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

```
.background{ background-color:#316F6F }
```

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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