

# Converting Colors

Hex(316062)

Have a look what the booklet for  
Hex(316062) contains.

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# Color

**Hex(316062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	316062
RGB	49, 96, 98
RGB Percent	19%, 38%, 38%
CMY	0.8078, 0.6235, 0.6157
CMYK	0.50, 0.02, 0.00, 0.62
HSL	182°, 33%, 29%
HSV	182°, 50%, 38%
XYZ	7.6541, 9.9006, 13.0629
YIQ	82.1750, -28.6540, -9.3420

# Conversions

## Conversions Part 2

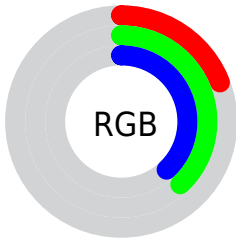
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 73, 98
Decimal	3235938
CIELab	37.66, -15.39, -6.12
CIELCh	38, 16.561, 201.679
Yxy	9.9006, 0.2500, 0.3234
Android (android.graphics.Color)	4281426018 (0xFF316062)
YUV	82.1750, 7.8017, -29.0945
Hunter-Lab	31.4651, -11.6427, -2.5888




# Details

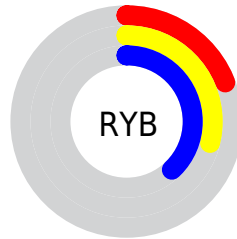
The Hex color **316062** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **623331**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **639395**, and **003134** is the 20% darker color. If you saturate the color by 10%, you get **276062**, and if you desaturate by 10%, it is **3B6062**.

# Distribution







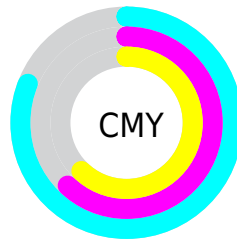
-  Red (19%)
-  Green (38%)
-  Blue (38%)






-  Red (19%)
-  Yellow (29%)
-  Blue (38%)



-  Cyan (50%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (62%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 316062 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 316062 by changing the saturation by 10% instead.



■ 316062

■ 316062

FFFFFF

■ 17484A

■ 639395

■ 003134

■ 7DADAF

■ 001D1F

■ 98C9CB

■ 000005

■ B3E5E7

■ 000000

■ CFFFFFF

■ EFFFFFF

■ 316062

■ 316062

■ 276062

■ 3B6062

■ 1D5F62

■ 456162

■ 145F62

■ 4E6162

■ 0A5E62

■ 586262

■ 005E62

■ 626262

■ 6C6262

■ 766362

■ 7F6362

■ 896462

# Harmonies

## Analogous

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



3A6054



316062



345E6D

# Triad

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



316062



665269



66563E

# Complementary

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



316062



623331

# 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.



705244



316062



714F5D

# Square

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



316062



565771



744F4F



585B40

# Rectangle

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



316062



3D5C72



744F4F



6A5540



# Sweetspot

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



316062



6C7F80



316233



343F40



BFBFBF



404040



# Same Dimension

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



316062



337C80



314862



2C3030



006C70



00E6F0



# Inverse Universe

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



623160



80337C



624B31



302C30



70006C

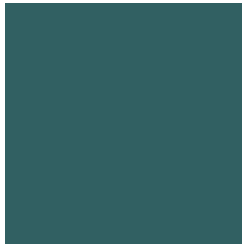


F000E6



# Previews

## White Background



This preview shows how the Hex color 316062 looks on a white background.

## Color Contrast Check

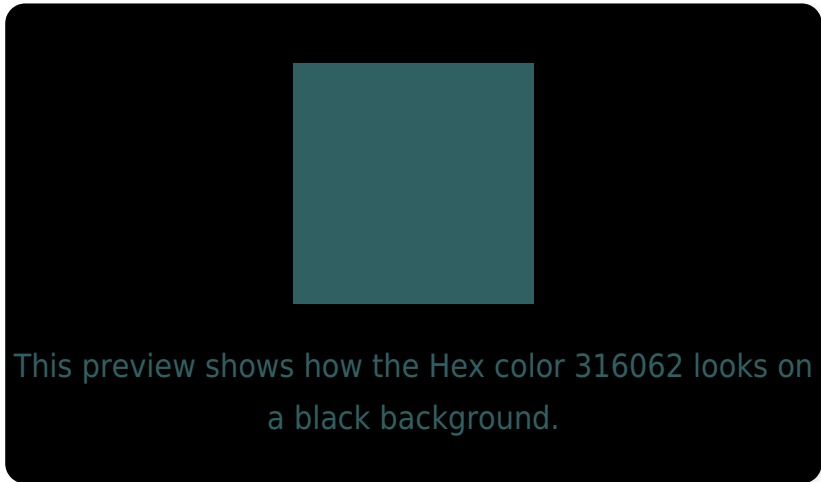
Large Text (above 18pt) WCAG AA ✓ Pass

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

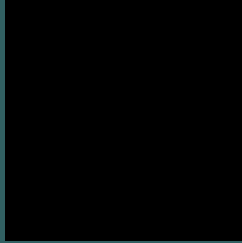
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 316062 Background



This preview shows how black text looks on a background with the Hex color 316062.

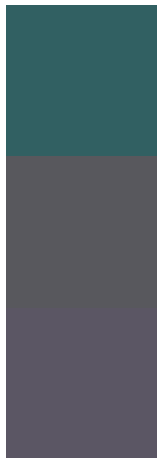


This preview shows how white text looks on a background with the Hex color 316062.

# 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**  
316062

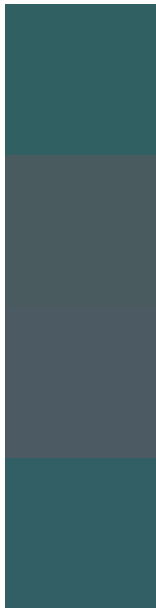
**Protanopia**  
58585D

**Deuteranopia**  
5B5664



**Tritanopia**  
335F67

# Trichromacy



**Original Color**  
316062

**Protanomaly**  
4A5B5F

**Deuteranomaly**  
4C5A63

**Tritanomaly**  
325F65

# Monochromacy



**Original Color**  
316062

**Achromatopsia**  
525252

**Achromatomaly**  
465758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 316062 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 #316062 looks like.

```
.text, #text, p{  
    color:#316062  
}
```

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 #316062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316062
}
```

## Border

The CSS property to change the border of an element to Hex 316062 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
#316062 }
```

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

```
.border{ border-color:#316062 }
```

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

Here you see how a box with a 4 pixel #316062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316062; -webkit-box-shadow:4px 4px  
4px 4px #316062; box-shadow:4px 4px 4px  
4px #316062 }
```

# Background

The CSS property to change the background color of an element to Hex 316062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316062 }
```

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

```
.background{ background-color:#316062 }
```

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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