

# Converting Colors

Hex(316447)

Have a look what the booklet for  
Hex(316447) contains.

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# Color

Hex(316447)

# Conversions

## Conversions Part 1

Format	Color
Hex	316447
RGB	49, 100, 71
RGB Percent	19%, 39%, 28%
CMY	0.8078, 0.6078, 0.7216
CMYK	0.51, 0.00, 0.29, 0.61
HSL	146°, 34%, 29%
HSV	146°, 51%, 39%
XYZ	6.9611, 10.2222, 7.5674
YIQ	81.4450, -21.0870, -19.8310

# Conversions

## Conversions Part 2

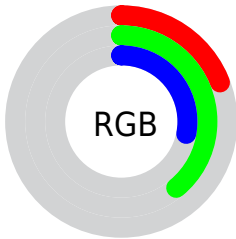
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 85, 100
Decimal	3236935
CIELab	38.24, -24.59, 11.29
CIELCh	38, 27.057, 155.349
Yxy	10.2222, 0.2812, 0.4130
Android (android.graphics.Color)	4281427015 (0xFF316447)
YUV	81.4450, -5.1494, -28.4543
Hunter-Lab	31.9722, -17.0877, 8.3474




# Details

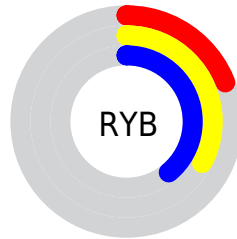
The Hex color **316447** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **64314E**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **639778**, and **00351B** is the 20% darker color. If you saturate the color by 10%, you get **276441**, and if you desaturate by 10%, it is **3B644D**.

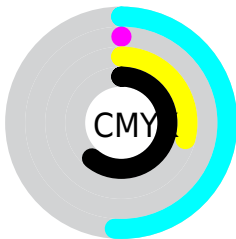
# Distribution







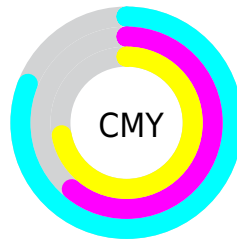
-  Red (19%)
-  Green (39%)
-  Blue (28%)






-  Red (19%)
-  Yellow (33%)
-  Blue (39%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (29%)
-  Black (61%)




-  Cyan (81%)
-  Magenta (61%)
-  Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 316447 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 316447 by changing the saturation by 10% instead.



 316447

 316447

FFFFFF

 184C30

 639778

 00351B

 7DB291

 002001


 97CEAC

 000000

 B3EAC7

 CEFFE3

 EBFFFF

 316447

 316447

 276441

 3B644D

■ 1D643C

■ 456452

■ 136436

■ 4F6458

■ 096430

■ 59645E

■ 00642B

■ 636463

■ 6D6469

■ 77646F

■ 816474

■ 8B647A

# Harmonies

## Analogous

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



4D6035



316447



03665D

# Triad

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



316447



3F5B85



824B42

# Complementary

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



316447



64314E

# 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.



834857



316447



61537E

# Square

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



316447



086181



794B6D



775232

# Rectangle

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



316447



00656C



794B6D



844A48



# Sweetspot

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



316447



6F8277



4F6431



36423C



C2C2C2



424242



# Same Dimension

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



316447



338255



316460



2E3330



007332



00F269



# Inverse Universe

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



64314E



823360



643135



332E31



730041

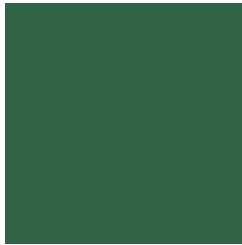


F2008A



# Previews

## White Background



This preview shows how the Hex color 316447 looks on a white background.

## Color Contrast Check

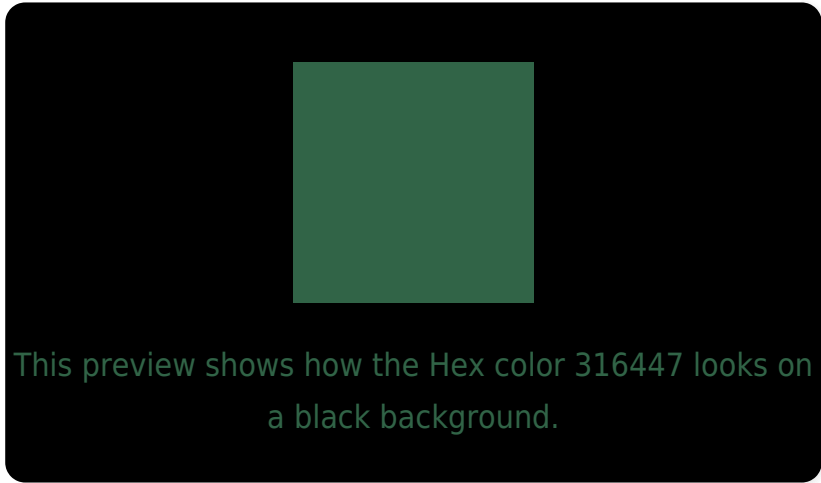
Large Text (above 18pt) WCAG AA ✓ Pass

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

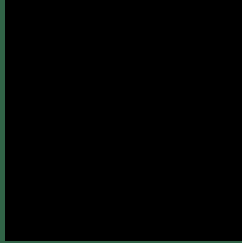
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 316447 Background



This preview shows how black text looks on a background with the Hex color 316447.



This preview shows how white text looks on a background with the Hex color 316447.

# 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**  
316447

**Protanopia**  
605A42

**Deuteranopia**  
68564A



**Tritanopia**  
3A6068

# Trichromacy



**Original Color**  
316447

**Protanomaly**  
4F5E44

**Deuteranomaly**  
545B49

**Tritanomaly**  
37615C

# Monochromacy



**Original Color**  
316447

**Achromatopsia**  
515151

**Achromatomaly**  
45584D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 316447 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 #316447 looks like.

```
.text, #text, p{  
    color:#316447  
}
```

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 #316447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316447
}
```

## Border

The CSS property to change the border of an element to Hex 316447 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
#316447 }
```

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

```
.border{ border-color:#316447 }
```

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

Here you see how a box with a 4 pixel #316447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316447; -webkit-box-shadow:4px 4px  
4px 4px #316447; box-shadow:4px 4px 4px  
4px #316447 }
```

# Background

The CSS property to change the background color of an element to Hex 316447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316447 }
```

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

```
.background{ background-color:#316447 }
```

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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