

# Converting Colors

Hex(316957)

Have a look what the booklet for  
Hex(316957) contains.

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# Color

**Hex(316957)**

# Conversions

## Conversions Part 1

Format	Color
Hex	316957
RGB	49, 105, 87
RGB Percent	19%, 41%, 34%
CMY	0.8078, 0.5882, 0.6588
CMYK	0.53, 0.00, 0.17, 0.59
HSL	161°, 36%, 30%
HSV	161°, 53%, 41%
XYZ	8.0385, 11.4442, 10.8021
YIQ	86.2040, -27.5980, -17.4700

# Conversions

## Conversions Part 2

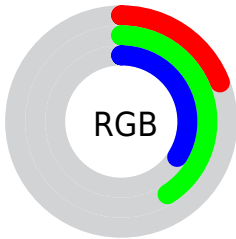
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 82, 105
Decimal	3238231
CIELab	40.32, -23.28, 4.52
CIElCh	40, 23.714, 169.024
Yxy	11.4442, 0.2654, 0.3779
Android (android.graphics.Color)	4281428311 (0xFF316957)
YUV	86.2040, 0.3924, -32.6279
Hunter-Lab	33.8293, -16.7863, 4.7485

# Details

The Hex color **316957** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693143**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **649D89**, and **00392A** is the 20% darker color. If you saturate the color by 10%, you get **276954**, and if you desaturate by 10%, it is **3B695A**.

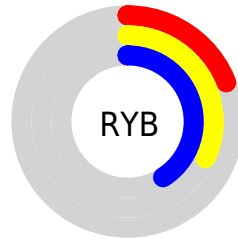
# Distribution



 Red (19%)

 Green (41%)

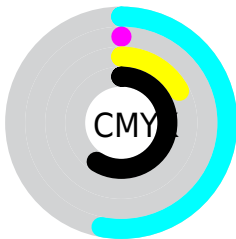
 Blue (34%)



 Red (19%)

 Yellow (32%)

 Blue (41%)

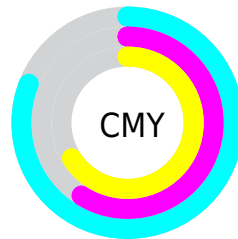


 Cyan (53%)


 Magenta (0%)

 Yellow (17%)

 Black (59%)



 Cyan (81%)

 Magenta (59%)

 Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 316957 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 316957 by changing the saturation by 10% instead.





316957



316957

FFFFFF



175140



649D89



00392A



7EB8A3



002415



99D3BE



000200



B4F0DA



000000



D0FFF6



EDFFFF



316957



316957



276954



3B695A

■ 1C6950

■ 46695E

■ 11694D

■ 506961

■ 07694A

■ 5B6965

■ 006947

■ 666968

■ 70696B

■ 7A696F

■ 856972

■ 906975

# Harmonies

## Analogous

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



496645



316957



19696B

# Triad

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



316957



575D84



805543

# Complementary

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



316957



693143

# 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.



855153



316957



705679

# Square

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



316957



386385



805167



725B39

# Rectangle

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



316957



146877



805167



835348



# Sweetspot

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



316957



748A83



446931



384541



C4C4C4



454545



# Same Dimension

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



316957



328A6D



316069



303634



007550



00F5A6



# Inverse Universe

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



693143



8A324E



693A31



363032



750026



F5004F



# Previews

## White Background



This preview shows how the Hex color 316957 looks on a white background.

## Color Contrast Check

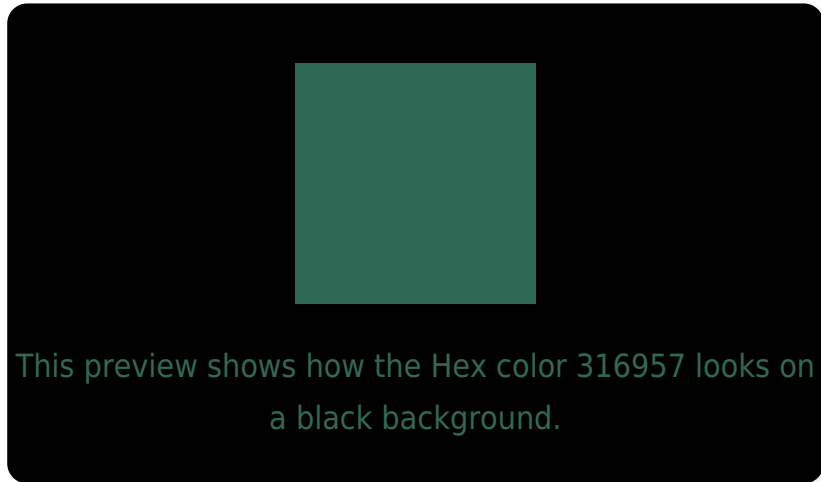
Large Text (above 18pt) WCAG AA ✓ Pass

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

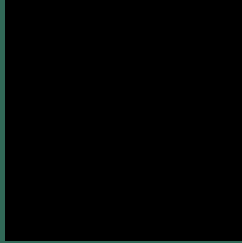
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 316957 Background



This preview shows how black text looks on a background with the Hex color 316957.



This preview shows how white text looks on a background with the Hex color 316957.

# 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**  
316957

**Protanopia**  
635E51

**Deuteranopia**  
695B5A



**Tritanopia**  
38666E

# Trichromacy



**Original Color**  
316957

**Protanomaly**  
516253

**Deuteranomaly**  
556059

**Tritanomaly**  
356766

# Monochromacy



**Original Color**  
316957

**Achromatopsia**  
565656

**Achromatomaly**  
495D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 316957 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 #316957 looks like.

```
.text, #text, p{  
    color:#316957  
}
```

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 #316957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316957
}
```

## Border

The CSS property to change the border of an element to Hex 316957 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
#316957 }
```

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

```
.border{ border-color:#316957 }
```

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

Here you see how a box with a 4 pixel #316957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316957; -webkit-box-shadow:4px 4px  
4px 4px #316957; box-shadow:4px 4px 4px  
4px #316957 }
```

# Background

The CSS property to change the background color of an element to Hex 316957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316957 }
```

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

```
.background{ background-color:#316957 }
```

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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