

Converting Colors

Hex(316E3D)

Have a look what the booklet for
Hex(316E3D) contains.

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Color

Hex(316E3D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 316E3D |
| RGB | 49, 110, 61 |
| RGB Percent | 19%, 43%, 24% |
| CMY | 0.8078, 0.5686, 0.7608 |
| CMYK | 0.55, 0.00, 0.45, 0.57 |
| HSL | 132°, 38%, 31% |
| HSV | 132°, 55%, 43% |
| XYZ | 7.6849, 12.1418, 6.3534 |
| YIQ | 86.1750, -20.6270, -28.1710 |

Conversions

Conversions Part 2

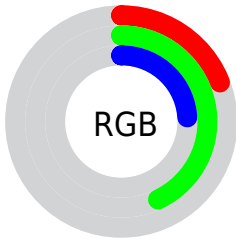
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 49, 100, 110 |
| Decimal | 3239485 |
| CIELab | 41.44, -31.38, 21.46 |
| CIELCh | 41, 38.019, 145.632 |
| Yxy | 12.1418, 0.2935, 0.4638 |
| Android (android.graphics.Color) | 4281429565 (0xFF316E3D) |
| YUV | 86.1750, -12.4113, -32.6025 |
| Hunter-Lab | 34.8450, -21.6117, 13.5809 |




Details

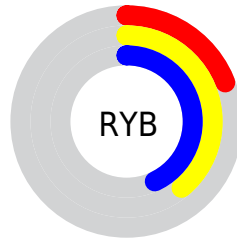
The Hex color **316E3D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E3162**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **64A26D**, and **003D11** is the 20% darker color. If you saturate the color by 10%, you get **266E34**, and if you desaturate by 10%, it is **3C6E46**.

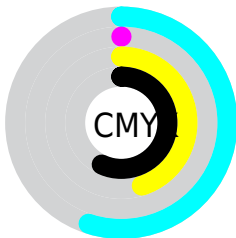
Distribution







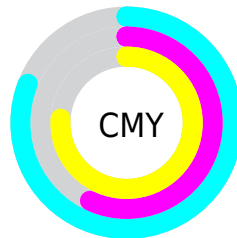
-  Red (19%)
-  Green (43%)
-  Blue (24%)






-  Red (19%)
-  Yellow (39%)
-  Blue (43%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (57%)





-  Cyan (81%)
-  Magenta (57%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316E3D 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 316E3D by changing the saturation by 10% instead.

 316E3D

 316E3D

FFFFFF

 165527

 64A26D

 003D11

 7FBD87

 002700

 9AD9A1


 000A00


 B5F6BC

 000000

 D1FFD8

 EEEFF5

 316E3D

 316E3D

 266E34

 3C6E46

■ 1B6E2B

■ 476E4F

■ 106E22

■ 526E58

■ 056E1A

■ 5D6E60

■ 006E16

■ 686E69

■ 736E72

■ 7E6E7B

■ 896E84

■ 946E8D

Harmonies

Analogous

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



596826



316E3D



00715C

Triad

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



316E3D



0067A0



9B4949

Complementary

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



316E3D



6E3162

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.



984768



316E3D



5C5B9A

Square

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



316E3D



006E95



844F85



8E532F

Rectangle

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



316E3D



007172



844F85



9C4753

Sweetspot

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



316E3D



778F7B



636E31



39473C



C7C7C7



474747

Same Dimension

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



316E3D



2F8F42



316E5B



323834



007818



00F731

Inverse Universe

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



6E3162



8F2F7C



6E3144



383237



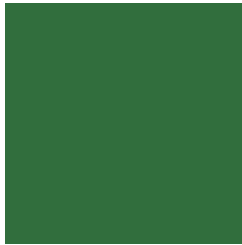
780060



F700C7

Previews

White Background



This preview shows how the Hex color 316E3D looks on a white background.

Color Contrast Check

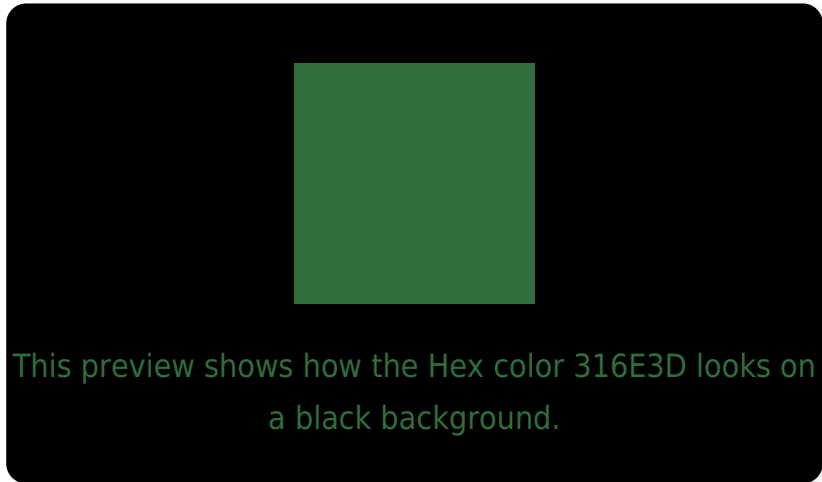
Large Text (above 18pt) WCAG AA ✓ Pass

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

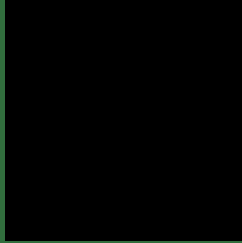
Any Text WCAG AA × Fail

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 316E3D Background



This preview shows how black text looks on a background with the Hex color 316E3D.



This preview shows how white text looks on a background with the Hex color 316E3D.

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
316E3D

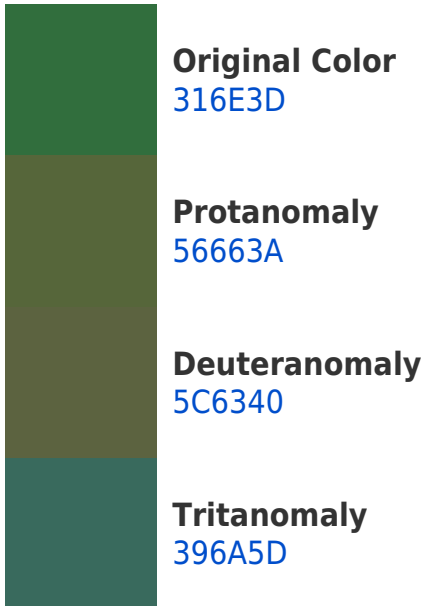
Protanopia
6B6138

Deuteranopia
755D41

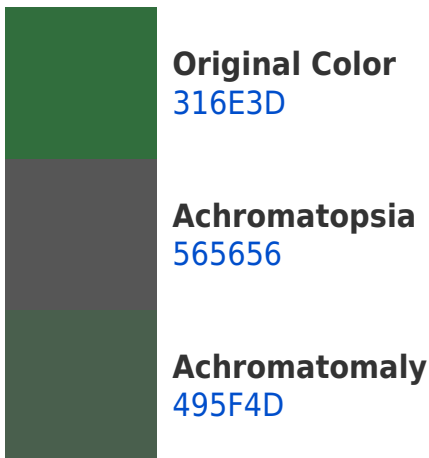


Tritanopia
3E6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 316E3D 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 #316E3D looks like.

```
.text, #text, p{  
    color:#316E3D  
}
```

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 #316E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316E3D
}
```

Border

The CSS property to change the border of an element to Hex 316E3D 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
#316E3D }
```

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

```
.border{ border-color:#316E3D }
```

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

Here you see how a box with a 4 pixel #316E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316E3D; -webkit-box-shadow:4px 4px  
4px 4px #316E3D; box-shadow:4px 4px 4px  
4px #316E3D }
```

Background

The CSS property to change the background color of an element to Hex 316E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316E3D }
```

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

```
.background{ background-color:#316E3D }
```

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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