

Converting Colors

Hex(316E3F)

Have a look what the booklet for
Hex(316E3F) contains.

Hex(316E3F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(316E3F)

Conversions

Conversions Part 1

Format	Color
Hex	316E3F
RGB	49, 110, 63
RGB Percent	19%, 43%, 25%
CMY	0.8078, 0.5686, 0.7529
CMYK	0.55, 0.00, 0.43, 0.57
HSL	134°, 38%, 31%
HSV	134°, 55%, 43%
XYZ	7.7398, 12.1637, 6.6425
YIQ	86.4030, -21.2690, -27.5490

Conversions

Conversions Part 2

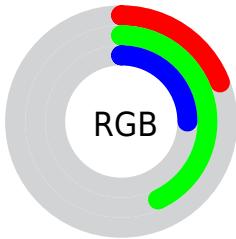
Format	Color
RYB	49, 99, 110
Decimal	3239487
CIELab	41.48, -31.02, 20.36
CIElCh	41, 37.104, 146.716
Yxy	12.1637, 0.2916, 0.4582
Android (android.graphics.Color)	4281429567 (0xFF316E3F)
YUV	86.4030, -11.5377, -32.8024
Hunter-Lab	34.8765, -21.4214, 13.1213

Details

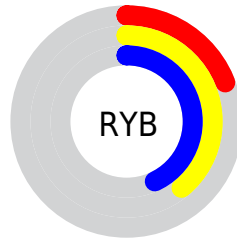
The Hex color **316E3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E3160**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **64A26F**, and **003D13** is the 20% darker color. If you saturate the color by 10%, you get **266E37**, and if you desaturate by 10%, it is **3C6E47**.

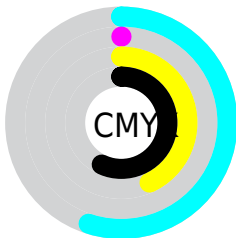
Distribution



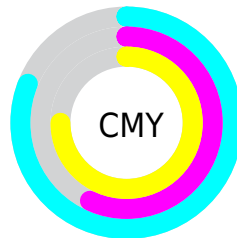
- Red (19%)
- Green (43%)
- Blue (25%)



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



- Cyan (55%)
- Magenta (0%)
- Yellow (43%)
- Black (57%)



- Cyan (81%)
- Magenta (57%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316E3F 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 316E3F by changing the saturation by 10% instead.



316E3F



316E3F

FFFFFF



165528



64A26F



003D13



7FBD89



002700



9AD9A3



000A00



B5F6BE



000000



D1FFDA



EEFF7



316E3F



316E3F



266E37



3C6E47

■ 1B6E2E

■ 476E50

■ 106E26

■ 526E58

■ 056E1D

■ 5D6E61

■ 006E19

■ 686E69

■ 736E72

■ 7E6E7A

■ 896E83

■ 946E8B

Harmonies

Analogous

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



586828



316E3F



00715D

Triad

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



316E3F



14669F



9A4A48

Complementary

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



316E3F



6E3160

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.



984766



316E3F



5E5B98

Square

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



316E3F



006D94



844F84



8D542F

Rectangle

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



316E3F



007172



844F84



9B4852

Sweetspot

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



316E3F



778F7C



616E31



39473C



C7C7C7



474747

Same Dimension

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



316E3F



2F8F45



316E5D



323834



00781C



00F739

Inverse Universe

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



6E3160



8F2F79



6E3142



383237



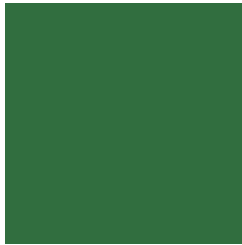
78005C



F700BF

Previews

White Background



This preview shows how the Hex color 316E3F looks on a white background.

Color Contrast Check

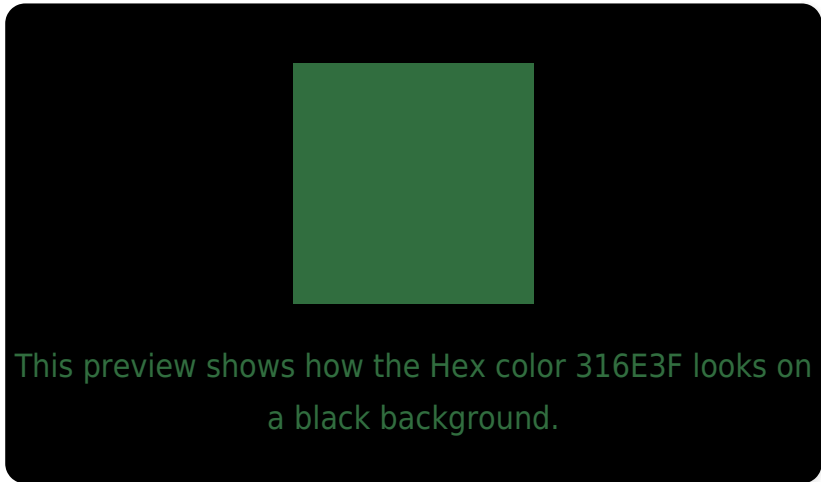
Large Text (above 18pt) WCAG AA ✓ Pass

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

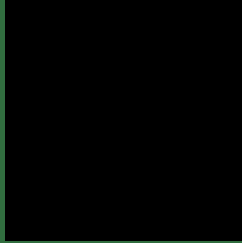
Any Text WCAG AA × Fail

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 316E3F Background



This preview shows how black text looks on a background with the Hex color 316E3F.



This preview shows how white text looks on a background with the Hex color 316E3F.

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
316E3F

Protanopia
6B613A

Deuteranopia
745D43



Tritanopia
3E6871

Trichromacy



Original Color
316E3F

Protanomaly
56663C

Deuteranomaly
5C6342

Tritanomaly
396A5F

Monochromacy



Original Color
316E3F

Achromatopsia
565656

Achromatomaly
495F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 316E3F 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 #316E3F looks like.

```
.text, #text, p{  
    color:#316E3F  
}
```

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 #316E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316E3F
}
```

Border

The CSS property to change the border of an element to Hex 316E3F 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
#316E3F }
```

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

```
.border{ border-color:#316E3F }
```

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

Here you see how a box with a 4 pixel #316E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316E3F; -webkit-box-shadow:4px 4px  
4px 4px #316E3F; box-shadow:4px 4px 4px  
4px #316E3F }
```

Background

The CSS property to change the background color of an element to Hex 316E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316E3F }
```

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

```
.background{ background-color:#316E3F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor