

Converting Colors

Hex(316850)

Have a look what the booklet for
Hex(316850) contains.

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Color

Hex(316850)

Conversions

Conversions Part 1

Format	Color
Hex	316850
RGB	49, 104, 80
RGB Percent	19%, 41%, 31%
CMY	0.8078, 0.5922, 0.6863
CMYK	0.53, 0.00, 0.23, 0.59
HSL	154°, 36%, 30%
HSV	154°, 53%, 41%
XYZ	7.6649, 11.1328, 9.3343
YIQ	84.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

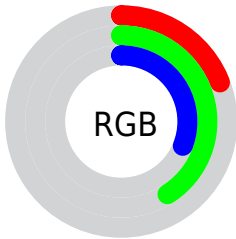
Format	Color
RYB	49, 84, 104
Decimal	3237968
CIELab	39.80, -24.51, 8.03
CIElCh	40, 25.792, 161.870
Yxy	11.1328, 0.2725, 0.3957
Android (android.graphics.Color)	4281428048 (0xFF316850)
YUV	84.8190, -2.3758, -31.4133
Hunter-Lab	33.3658, -17.3846, 6.7694

Details

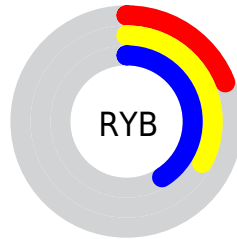
The Hex color **316850** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683149**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **639C81**, and **003823** is the 20% darker color. If you saturate the color by 10%, you get **27684B**, and if you desaturate by 10%, it is **3B6855**.

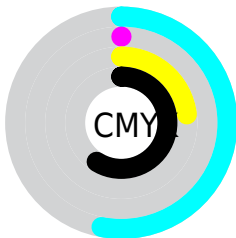
Distribution



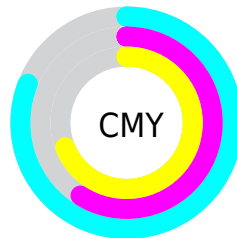
- Red (19%)
- Green (41%)
- Blue (31%)



- Red (19%)
- Yellow (33%)
- Blue (41%)



- Cyan (53%)
- Magenta (0%)
- Yellow (23%)
- Black (59%)





- Cyan (81%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Hex color 316850 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 316850 by changing the saturation by 10% instead.

 316850

 316850

FFFFFF

 175039

 639C81

 003823

 7DB79B

 00230E


 98D2B6

 000000

 B4EFD2

 D0FFEE

 ECFFFF

 316850

 316850

 27684B

 3B6855

■ 1C6847

■ 466859

■ 126842

■ 50685E

■ 07683E

■ 5B6862

■ 00683B

■ 656867

■ 6F686B

■ 7A6870

■ 846874

■ 8F6879

Harmonies

Analogous

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



4C653E



316850



0C6966

Triad

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



316850



4D5D87



835143

Complementary

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



316850



683149

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.



874D56



316850



6B557D

Square

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



316850



266485



7F4F6B



765836

Rectangle

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



316850



006873



7F4F6B



854F49

Sweetspot

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



316850



72877E



4A6831



38453F



C4C4C4



454545

Same Dimension

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



316850



328762



316568



2E3331



007341



00F289

Inverse Universe

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



683149



873257



683431



332E30



730032



F2006A

Previews

White Background



This preview shows how the Hex color 316850 looks on a white background.

Color Contrast Check

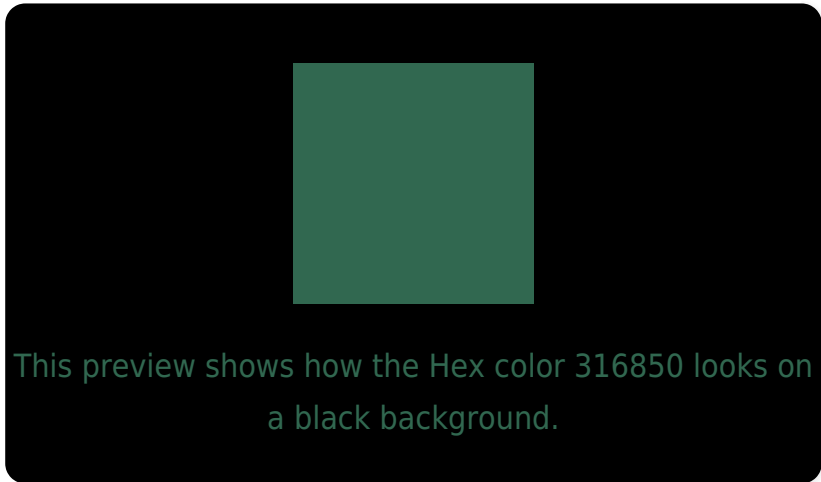
Large Text (above 18pt) WCAG AA ✓ Pass

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

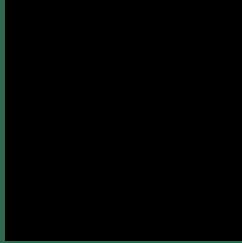
Any Text WCAG AA × Fail

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 316850 Background



This preview shows how black text looks on a background with the Hex color 316850.



This preview shows how white text looks on a background with the Hex color 316850.

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
316850

Protanopia
635D4B

Deuteranopia
6A5A53



Tritanopia
39646C

Trichromacy



Original Color
316850

Protanomaly
51614D

Deuteranomaly
555F52

Tritanomaly
366562

Monochromacy



Original Color
316850

Achromatopsia
555555

Achromatomaly
485C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 316850 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 #316850 looks like.

```
.text, #text, p{  
    color:#316850  
}
```

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 #316850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316850
}
```

Border

The CSS property to change the border of an element to Hex 316850 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".

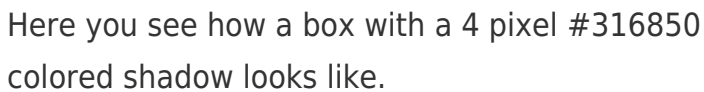
```
.border, #border, table{ border:4px solid
#316850 }
```

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

```
.border{ border-color:#316850 }
```

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

Here you see how a box with a 4 pixel #316850 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316850; -webkit-box-shadow:4px 4px  
4px 4px #316850; box-shadow:4px 4px 4px  
4px #316850 }
```

Background

The CSS property to change the background color of an element to Hex 316850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316850 }
```

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

```
.background{ background-color:#316850 }
```

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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