

Converting Colors

Hex(316A76)

Have a look what the booklet for
Hex(316A76) contains.

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Color

Hex(316A76)

Conversions

Conversions Part 1

Format	Color
Hex	316A76
RGB	49, 106, 118
RGB Percent	19%, 42%, 46%
CMY	0.8078, 0.5843, 0.5373
CMYK	0.58, 0.10, 0.00, 0.54
HSL	190°, 41%, 33%
HSV	190°, 58%, 46%
XYZ	9.6907, 12.2690, 18.9969
YIQ	90.3250, -37.8240, -8.3520

Conversions

Conversions Part 2

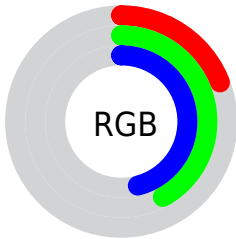
Format	Color
RYB	49, 80, 118
Decimal	3238518
CIELab	41.64, -14.87, -12.38
CIElCh	42, 19.344, 219.774
Yxy	12.2690, 0.2366, 0.2996
Android (android.graphics.Color)	4281428598 (0xFF316A76)
YUV	90.3250, 13.6438, -36.2420
Hunter-Lab	35.0272, -11.9135, -7.6368

Details

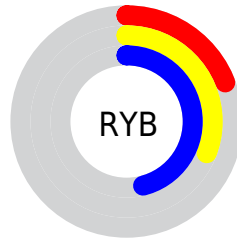
The Hex color **316A76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763D31**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **669DAA**, and **003B46** is the 20% darker color. If you saturate the color by 10%, you get **256876**, and if you desaturate by 10%, it is **3D6C76**.

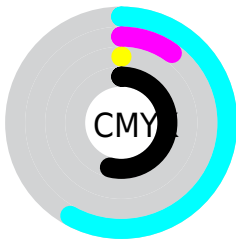
Distribution



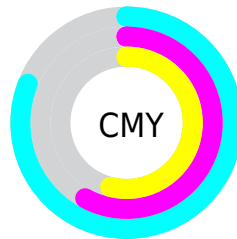
- Red (19%)
- Green (42%)
- Blue (46%)



- Red (19%)
- Yellow (31%)
- Blue (46%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)
- Black (54%)



- Cyan (81%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316A76 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 316A76 by changing the saturation by 10% instead.

■ 316A76

■ 316A76

FFFFFF

■ 13525D

■ 669DAA

■ 003B46

■ 81B8C5

■ 00252F

■ 9CD4E1

■ 000D1B

■ B8F0FE

■ 000000

■ D4FFFF

■ F1FFFF

■ 316A76

■ 316A76

■ 256876

■ 3D6C76

■ 196676

■ 496E76

■ 0E6476

■ 547076

■ 026276

■ 607276

■ 006176

■ 6C7476

■ 787676

■ 847876

■ 8F7A76

■ 9B7C76

Harmonies

Analogous

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



356B67



316A76



3F6780

Triad

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



316A76



7B586E



686343

Complementary

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



316A76



763D31

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.



775E45



316A76



82565E

Square

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



316A76



6B5C7B



80594F



576749

Rectangle

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



316A76



4E6482



80594F



6E6142

Sweetspot

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



316A76



7D9499



31763C



3C4A4D



CCCCCC



4D4D4D

Same Dimension

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



316A76



2E8699



314876



353A3B



00657A



00CEFA

Inverse Universe

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



76316A



992E86



765F31



3B353A



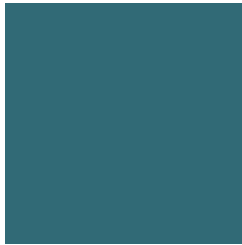
7A0065



FA00CE

Previews

White Background



This preview shows how the Hex color 316A76 looks on a white background.

Color Contrast Check

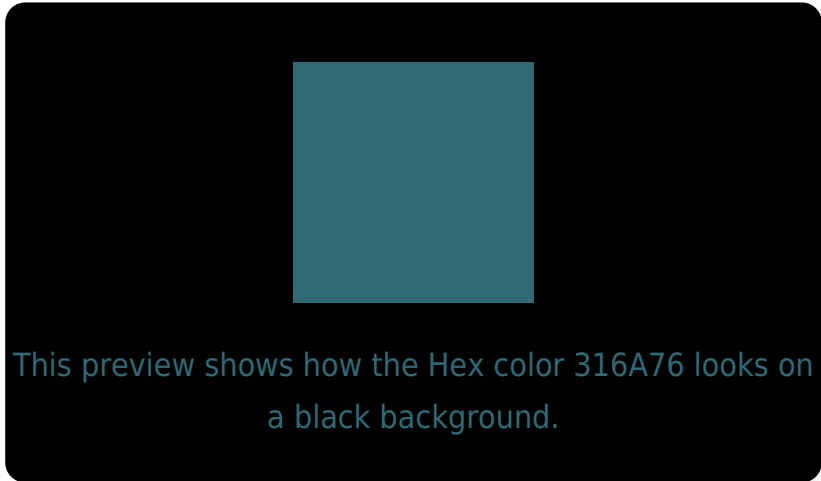
Large Text (above 18pt) WCAG AA ✓ Pass

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

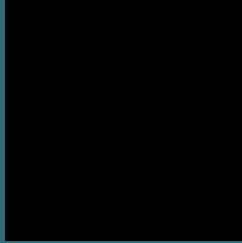
Any Text WCAG AA × Fail

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 316A76 Background



This preview shows how black text looks on a background with the Hex color 316A76.

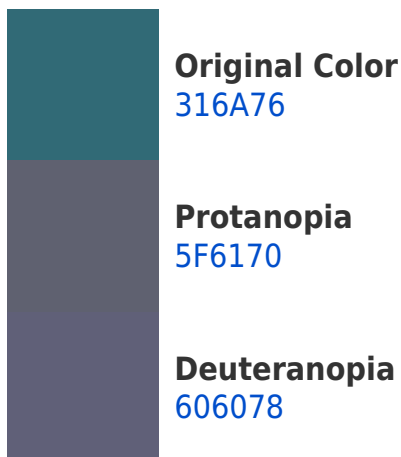


This preview shows how white text looks on a background with the Hex color 316A76.

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





Tritanopia
306A73

Trichromacy



Original Color
316A76

Protanomaly
4E6472

Deuteranomaly
4F6477

Tritanomaly
306A74

Monochromacy



Original Color
316A76

Achromatopsia
5A5A5A

Achromatomaly
4B6064

CSS Examples

Text

The CSS property to change the color of the text to Hex 316A76 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 #316A76 looks like.

```
.text, #text, p{  
    color:#316A76  
}
```

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 #316A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316A76
}
```

Border

The CSS property to change the border of an element to Hex 316A76 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
#316A76 }
```

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

```
.border{ border-color:#316A76 }
```

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

Here you see how a box with a 4 pixel #316A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316A76; -webkit-box-shadow:4px 4px  
4px 4px #316A76; box-shadow:4px 4px 4px  
4px #316A76 }
```

Background

The CSS property to change the background color of an element to Hex 316A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316A76 }
```

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

```
.background{ background-color:#316A76 }
```

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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