

Converting Colors

Hex(316E7C)

Have a look what the booklet for
Hex(316E7C) contains.

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Color

Hex(316E7C)

Conversions

Conversions Part 1

Format	Color
Hex	316E7C
RGB	49, 110, 124
RGB Percent	19%, 43%, 49%
CMY	0.8078, 0.5686, 0.5137
CMYK	0.60, 0.11, 0.00, 0.51
HSL	191°, 43%, 34%
HSV	191°, 60%, 49%
XYZ	10.4806, 13.2601, 21.0758
YIQ	93.3570, -40.8500, -8.5780

Conversions

Conversions Part 2

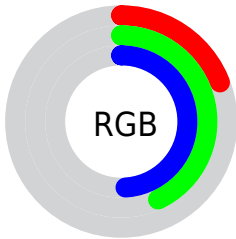
Format	Color
RYB	49, 83, 124
Decimal	3239548
CIELab	43.15, -15.20, -13.71
CIElCh	43, 20.468, 222.036
Yxy	13.2601, 0.2339, 0.2959
Android (android.graphics.Color)	4281429628 (0xFF316E7C)
YUV	93.3570, 15.1070, -38.9011
Hunter-Lab	36.4144, -12.3500, -8.8257

Details

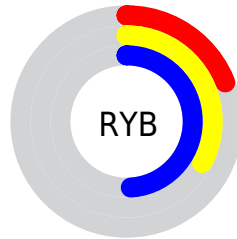
The Hex color **316E7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C3F31**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **67A2B1**, and **003E4B** is the 20% darker color. If you saturate the color by 10%, you get **256C7C**, and if you desaturate by 10%, it is **3D707C**.

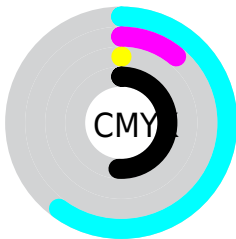
Distribution



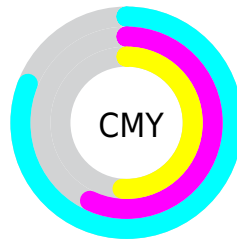
- Red (19%)
- Green (43%)
- Blue (49%)



- Red (19%)
- Yellow (33%)
- Blue (49%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316E7C 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 316E7C by changing the saturation by 10% instead.

■ 316E7C

■ 316E7C

FFFFFF

■ 115663

■ 67A2B1

■ 003E4B

■ 82BDCC

■ 002835

■ 9DD9E8

■ 00141F

■ B9F5FF

■ 000005

■ D6FFFF

■ 000000

■ F3FFFF

■ 316E7C

■ 316E7C

■ 256C7C

■ 3D707C

■ 18697C

■ 4A737C

■ 0C677C

■ 56757C

■ 00657C

■ 63777C

■ 6F7A7C

■ 7B7C7C

■ 887E7C

■ 94817C

■ A1837C

Harmonies

Analogous

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



346F6C



316E7C



416B86

Triad

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



316E7C



815B71



6B6745

Complementary

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



316E7C



7C3F31

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.



7B6146



316E7C



885960

Square

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



316E7C



715F7F



855C50



586C4C

Rectangle

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



316E7C



526787



855C50



716544

Sweetspot

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



316E7C



849BA1



317C3F



404E52



D1D1D1



525252

Same Dimension

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



316E7C



2B8BA1



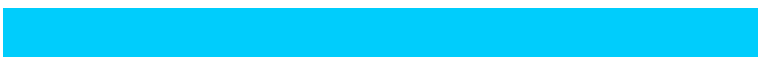
31497C



373C3D



00667D



00CDFC

Inverse Universe

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



7C316E



A12B8B



7C6431



3D373C



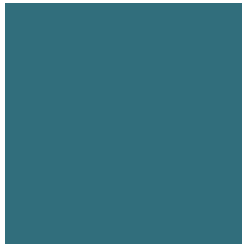
7D0066



FC00CD

Previews

White Background



This preview shows how the Hex color 316E7C looks on a white background.

Color Contrast Check

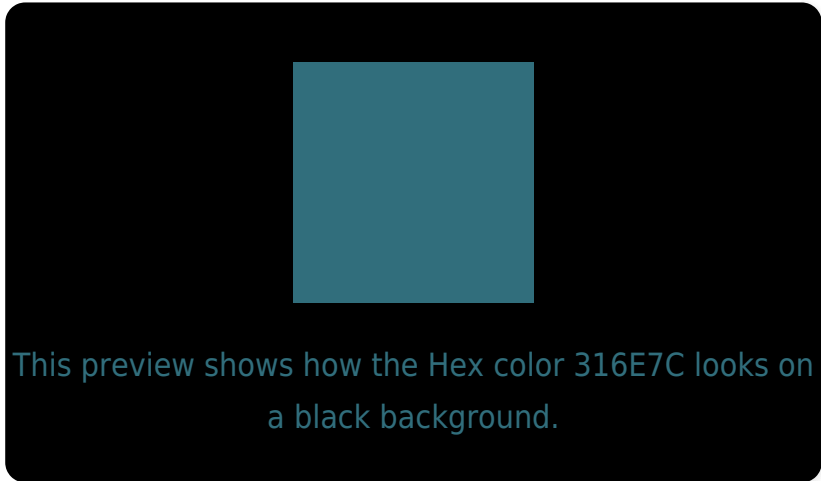
Large Text (above 18pt) WCAG AA ✓ Pass

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

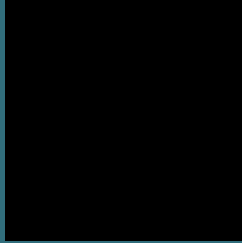
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

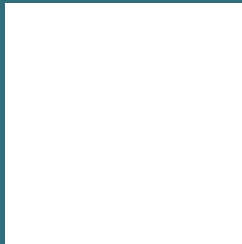
Any Text WCAG AAA × Fail

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

Hex 316E7C Background



This preview shows how black text looks on a background with the Hex color 316E7C.

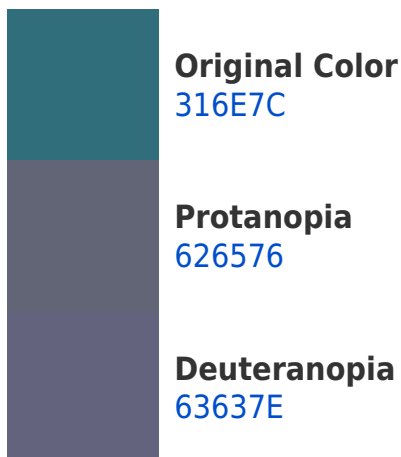


This preview shows how white text looks on a background with the Hex color 316E7C.

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](#).

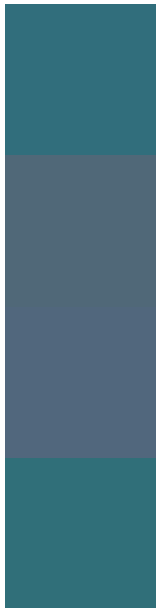
Dichromacy





Tritanopia
2F6F78

Trichromacy



Original Color
316E7C

Protanomaly
506878

Deuteranomaly
51677D

Tritanomaly
306F79

Monochromacy



Original Color
316E7C

Achromatopsia
5D5D5D

Achromatomaly
4D6368

CSS Examples

Text

The CSS property to change the color of the text to Hex 316E7C 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 #316E7C looks like.

```
.text, #text, p{  
    color:#316E7C  
}
```

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 #316E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316E7C
}
```

Border

The CSS property to change the border of an element to Hex 316E7C 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
#316E7C }
```

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

```
.border{ border-color:#316E7C }
```

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

Here you see how a box with a 4 pixel #316E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316E7C; -webkit-box-shadow:4px 4px  
4px 4px #316E7C; box-shadow:4px 4px 4px  
4px #316E7C }
```

Background

The CSS property to change the background color of an element to Hex 316E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316E7C }
```

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

```
.background{ background-color:#316E7C }
```

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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