

Converting Colors

Hex(317E82)

Have a look what the booklet for
Hex(317E82) contains.

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Color

Hex(317E82)

Conversions

Conversions Part 1

Format	Color
Hex	317E82
RGB	49, 126, 130
RGB Percent	19%, 49%, 51%
CMY	0.8078, 0.5059, 0.4902
CMYK	0.62, 0.03, 0.00, 0.49
HSL	183°, 45%, 35%
HSV	183°, 62%, 51%
XYZ	12.7567, 17.1864, 23.7640
YIQ	103.4330, -47.1760, -15.0800

Conversions

Conversions Part 2

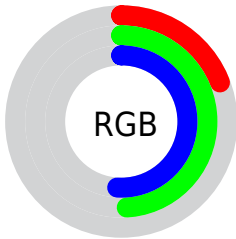
Format	Color
RYB	49, 88, 130
Decimal	3243650
CIELab	48.49, -21.99, -9.22
CIELCh	48, 23.847, 202.743
Yxy	17.1864, 0.2375, 0.3200
Android (android.graphics.Color)	4281433730 (0xFF317E82)
YUV	103.4330, 13.0975, -47.7377
Hunter-Lab	41.4565, -17.6218, -4.9672

Details

The Hex color **317E82** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **823531**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **69B3B7**, and **004D51** is the 20% darker color. If you saturate the color by 10%, you get **247D82**, and if you desaturate by 10%, it is **3E7F82**.

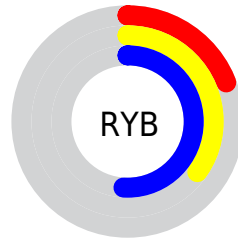
Distribution



Red (19%)

Green (49%)

Blue (51%)



Red (19%)

Yellow (35%)

Blue (51%)

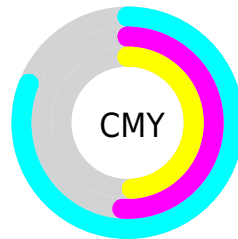


Cyan (62%)

Magenta (3%)

Yellow (0%)

Black (49%)



Cyan (81%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317E82 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 317E82 by changing the saturation by 10% instead.

 317E82

 317E82

FFFFFF

 0D6569

 69B3B7

 004D51

 84CFD2

 00353A

 A0EBEF

 002124


 BDFFFF


 00010F

 D9FFFF

 000000

 F7FFFF

 317E82

 317E82

 247D82

 3E7F82

■ 177D82

■ 4B7F82

■ 0A7C82

■ 588082

■ 007C82

■ 658182

■ 728182

■ 7F8282

■ 8C8282

■ 998382

■ A68482

Harmonies

Analogous

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



427E6D



317E82



367C93

Triad

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



317E82



88698C



86704B

Complementary

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



317E82



823531

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.



956954



317E82



976479

Square

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



317E82



6F7098



9B6565



71774E

Rectangle

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



317E82



477899



9B6565



8B6E4D

Sweetspot

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



317E82



88A7A8



318234



415354



D4D4D4



545454

Same Dimension

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



317E82



2AA2A8



315782



393F40



007980



000000

Inverse Universe

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



82317E



A82AA2



825C31



40393F



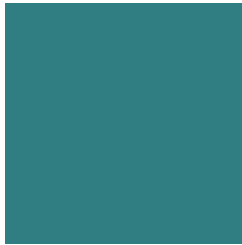
800079



000000

Previews

White Background



This preview shows how the Hex color 317E82 looks on a white background.

Color Contrast Check

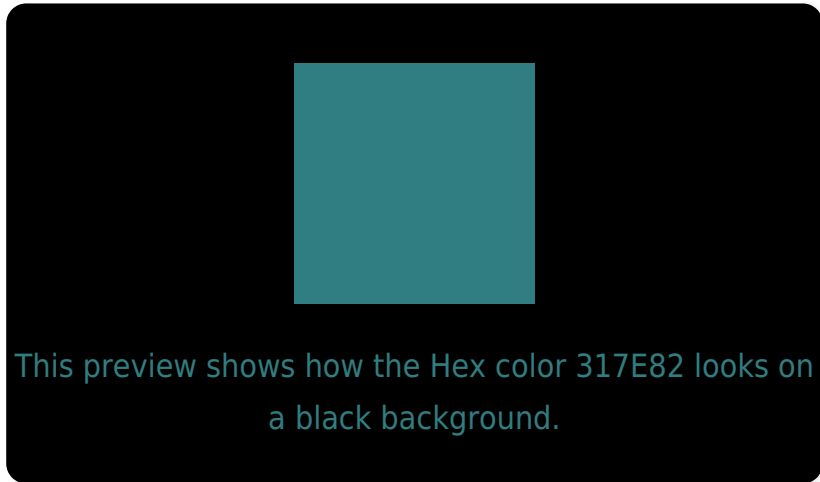
Large Text (above 18pt) WCAG AA ✓ Pass

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

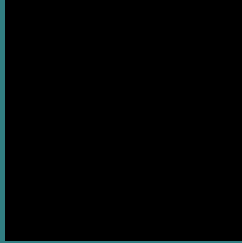
Any Text WCAG AA × Fail

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 317E82 Background



This preview shows how black text looks on a background with the Hex color 317E82.

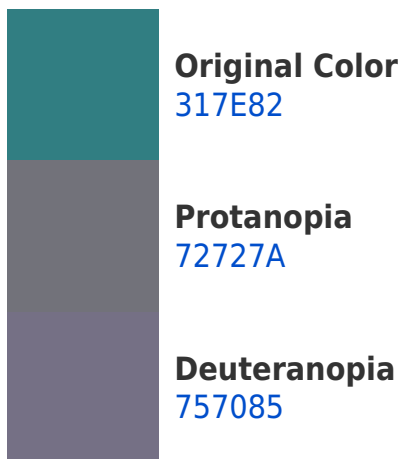



This preview shows how white text looks on a background with the Hex color 317E82.

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
337D87

Trichromacy



Original Color
317E82

Protanomaly
5A767D

Deuteranomaly
5C7584

Tritanomaly
327D85

Monochromacy



Original Color
317E82

Achromatopsia
676767

Achromatomaly
536F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 317E82 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 #317E82 looks like.

```
.text, #text, p{  
    color:#317E82  
}
```

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 #317E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317E82
}
```

Border

The CSS property to change the border of an element to Hex 317E82 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
#317E82 }
```

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

```
.border{ border-color:#317E82 }
```

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

Here you see how a box with a 4 pixel #317E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317E82; -webkit-box-shadow:4px 4px  
4px 4px #317E82; box-shadow:4px 4px 4px  
4px #317E82 }
```

Background

The CSS property to change the background color of an element to Hex 317E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317E82 }
```

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

```
.background{ background-color:#317E82 }
```

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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