

Converting Colors

Hex(318176)

Have a look what the booklet for
Hex(318176) contains.

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Color

Hex(318176)

Conversions

Conversions Part 1

Format	Color
Hex	318176
RGB	49, 129, 118
RGB Percent	19%, 51%, 46%
CMY	0.8078, 0.4941, 0.5373
CMYK	0.62, 0.00, 0.09, 0.49
HSL	172°, 45%, 35%
HSV	172°, 62%, 51%
XYZ	12.3869, 17.6615, 19.8957
YIQ	103.8260, -44.1490, -20.3810

Conversions

Conversions Part 2

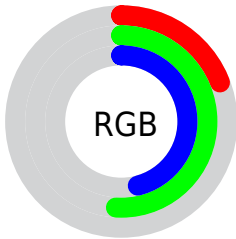
Format	Color
RYB	49, 92, 129
Decimal	3244406
CIELab	49.08, -27.03, -1.28
CIElCh	49, 27.060, 182.710
Yxy	17.6615, 0.2480, 0.3536
Android (android.graphics.Color)	4281434486 (0xFF318176)
YUV	103.8260, 6.9878, -48.0824
Hunter-Lab	42.0256, -20.9325, 1.3489

Details

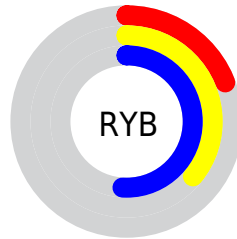
The Hex color **318176** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **81313C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68B6AA**, and **004F46** is the 20% darker color. If you saturate the color by 10%, you get **248174**, and if you desaturate by 10%, it is **3E8178**.

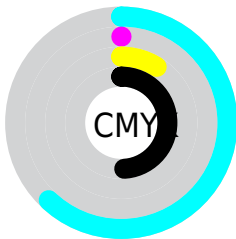
Distribution



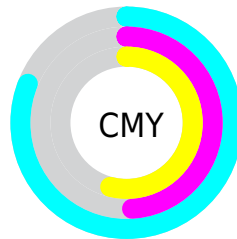
- Red (19%)
- Green (51%)
- Blue (46%)



- Red (19%)
- Yellow (36%)
- Blue (51%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)





- Cyan (81%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318176 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 318176 by changing the saturation by 10% instead.

 318176

 318176

FFFFFF

 0E685D

 68B6AA

 004F46

 84D2C5

 003830

 9FEFE1


 00231B


 BCFFFE

 000000

 D8FFFF

 F6FFFF

 318176

 318176

 248174

 3E8178

■ 178172

■ 4B817A

■ 0A8171

■ 58817B

■ 00816F

■ 65817D

■ 72817F

■ 7E8181

■ 8B8182

■ 988184

■ A58186

Harmonies

Analogous

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



4E7F5F



318176



1D808D

Triad

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



318176



7A6E9B



956C4C

Complementary

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



318176



81313C

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.



A0655D



318176



93668A

Square

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



318176



5876A2



A06373



827446

Rectangle

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



318176



277E98



A06373



9A6951

Sweetspot

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



318176



88A8A4



3D8131



415451



D4D4D4



545454

Same Dimension

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



318176



2CA897



316581



39403F



00806E



000000

Inverse Universe

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



81313C



A82C3D



814D31



40393A



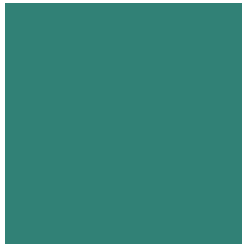
800012



000000

Previews

White Background



This preview shows how the Hex color 318176 looks on a white background.

Color Contrast Check

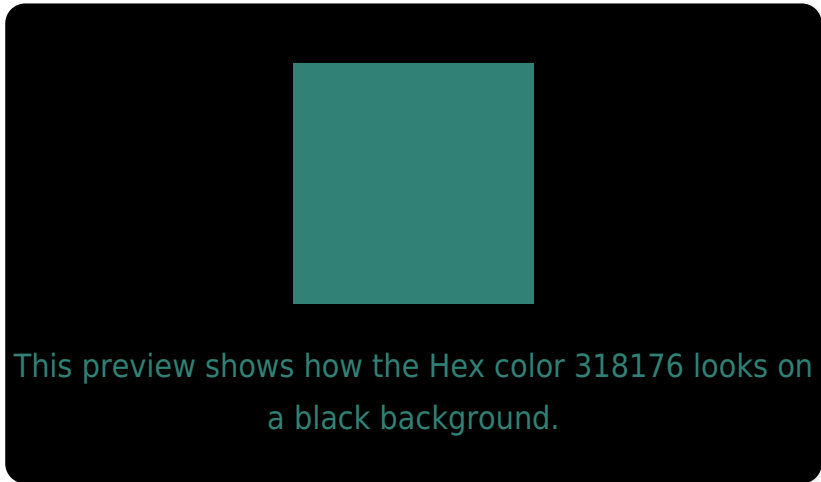
Large Text (above 18pt) WCAG AA ✓ Pass

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

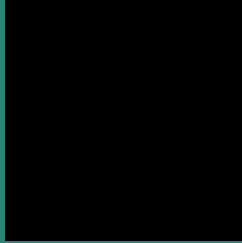
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 318176 Background



This preview shows how black text looks on a background with the Hex color 318176.

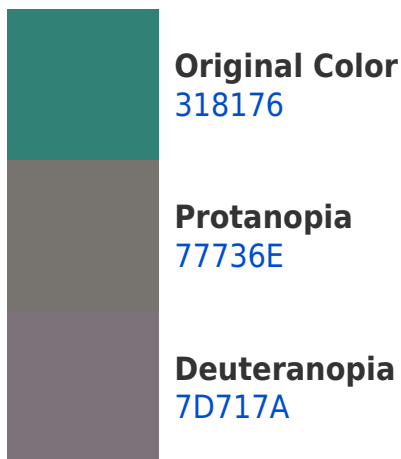


This preview shows how white text looks on a background with the Hex color 318176.

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](#).

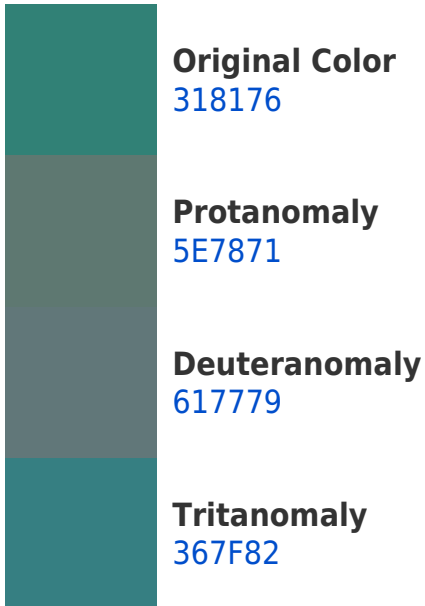
Dichromacy



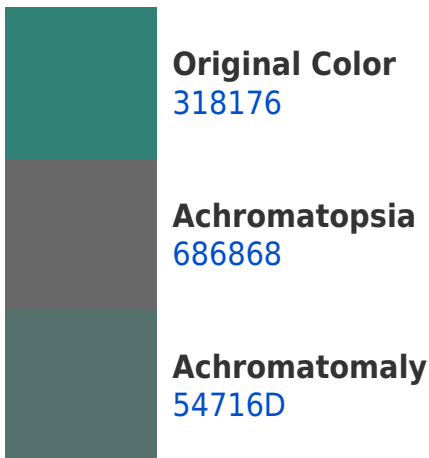


Tritanopia
397E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 318176 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 #318176 looks like.

```
.text, #text, p{  
    color:#318176  
}
```

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 #318176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318176
}
```

Border

The CSS property to change the border of an element to Hex 318176 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
#318176 }
```

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

```
.border{ border-color:#318176 }
```

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

Here you see how a box with a 4 pixel #318176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318176; -webkit-box-shadow:4px 4px  
4px 4px #318176; box-shadow:4px 4px 4px  
4px #318176 }
```

Background

The CSS property to change the background color of an element to Hex 318176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318176 }
```

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

```
.background{ background-color:#318176 }
```

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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