

Converting Colors

Hex(318885)

Have a look what the booklet for
Hex(318885) contains.

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Color

Hex(318885)

Conversions

Conversions Part 1

Format	Color
Hex	318885
RGB	49, 136, 133
RGB Percent	19%, 53%, 52%
CMY	0.8078, 0.4667, 0.4784
CMYK	0.64, 0.00, 0.02, 0.47
HSL	178°, 47%, 36%
HSV	178°, 64%, 53%
XYZ	14.3044, 19.9547, 25.2880
YIQ	109.6450, -50.8890, -19.3770

Conversions

Conversions Part 2

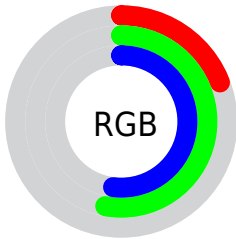
Format	Color
RYB	49, 93, 136
Decimal	3246213
CIELab	51.79, -26.22, -6.06
CIELCh	52, 26.915, 193.021
Yxy	19.9547, 0.2402, 0.3351
Android (android.graphics.Color)	4281436293 (0xFF318885)
YUV	109.6450, 11.5140, -53.1857
Hunter-Lab	44.6707, -21.0147, -2.2945

Details

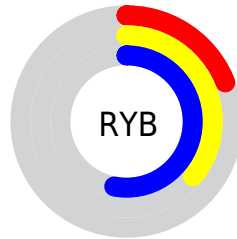
The Hex color **318885** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **883134**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6ABEBA**, and **005654** is the 20% darker color. If you saturate the color by 10%, you get **238885**, and if you desaturate by 10%, it is **3F8885**.

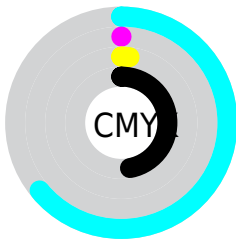
Distribution



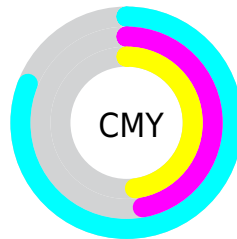
- Red (19%)
- Green (53%)
- Blue (52%)



- Red (19%)
- Yellow (36%)
- Blue (53%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (81%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318885 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 318885 by changing the saturation by 10% instead.



318885



318885

FFFFFF



086E6C



6ABEBA



005654



86DAD6



003E3D



A2F6F2



002827



BFFFFF



000D13



DCFFFF



000000



F9FFFF



318885



318885



238885



3F8885

■ 168884

■ 4C8886

■ 088884

■ 5A8886

■ 008883

■ 678887

■ 758887

■ 838888

■ 908888

■ 9E8889

■ AB8889

Harmonies

Analogous

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



4C876D



318885



2B869A

Triad

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



318885



8B729D



977650

Complementary

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



318885



883134

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.



A56E5D



318885



A06C89

Square

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



318885



6B7AA8



A96A72



817D4E

Rectangle

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



318885



3B83A4



A96A72



9C7353

Sweetspot

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



318885



8FB0AF



358831



455959



D9D9D9



595959

Same Dimension

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



318885



28B0AB



316188



3E4545



008580



000505

Inverse Universe

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



883134



B0282D



885831



453E3E



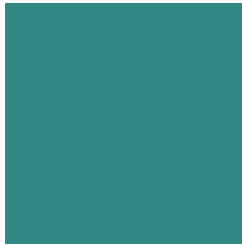
850005



050000

Previews

White Background



This preview shows how the Hex color 318885 looks on a white background.

Color Contrast Check

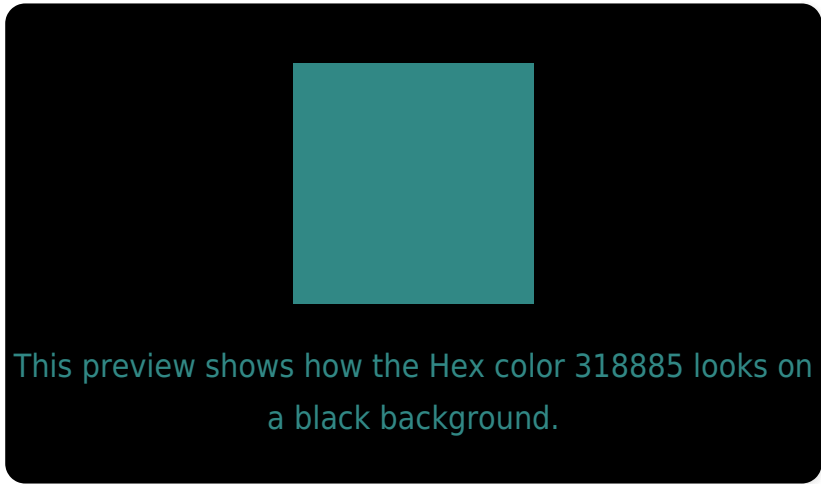
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

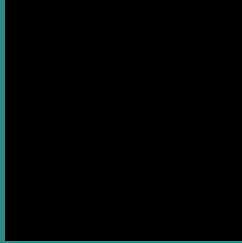
Any Text WCAG AA ✓ Pass

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 318885 Background



This preview shows how black text looks on a background with the Hex color 318885.

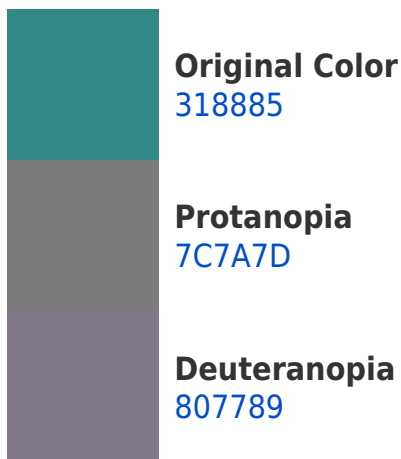


This preview shows how white text looks on a background with the Hex color 318885.

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
378691

Trichromacy



Original Color
318885

Protanomaly
617F80

Deuteranomaly
637D88

Tritanomaly
35878D

Monochromacy



Original Color
318885

Achromatopsia
6E6E6E

Achromatomaly
587776

CSS Examples

Text

The CSS property to change the color of the text to Hex 318885 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 #318885 looks like.

```
.text, #text, p{  
    color:#318885  
}
```

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 #318885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318885
}
```

Border

The CSS property to change the border of an element to Hex 318885 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
#318885 }
```

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

```
.border{ border-color:#318885 }
```

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

Here you see how a box with a 4 pixel #318885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318885; -webkit-box-shadow:4px 4px  
4px 4px #318885; box-shadow:4px 4px 4px  
4px #318885 }
```

Background

The CSS property to change the background color of an element to Hex 318885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318885 }
```

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

```
.background{ background-color:#318885 }
```

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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