

Converting Colors

Hex(309282)

Have a look what the booklet for
Hex(309282) contains.

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Color

Hex(309282)

Conversions

Conversions Part 1

Format	Color
Hex	309282
RGB	48, 146, 130
RGB Percent	19%, 57%, 51%
CMY	0.8118, 0.4275, 0.4902
CMYK	0.67, 0.00, 0.11, 0.43
HSL	170°, 51%, 38%
HSV	170°, 67%, 57%
XYZ	15.5271, 22.7979, 24.7012
YIQ	114.8740, -53.2720, -25.7520

Conversions

Conversions Part 2

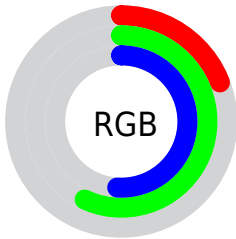
Format	Color
RYB	48, 101, 146
Decimal	3183234
CIELab	54.86, -32.12, 0.20
CIELCh	55, 32.117, 179.643
Yxy	22.7979, 0.2464, 0.3617
Android (android.graphics.Color)	4281373314 (0xFF309282)
YUV	114.8740, 7.4571, -58.6485
Hunter-Lab	47.7471, -25.5103, 2.7503

Details

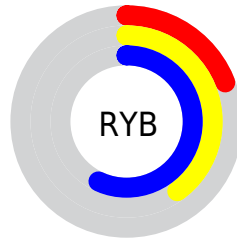
The Hex color **309282** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **923040**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6BC8B7**, and **005F51** is the 20% darker color. If you saturate the color by 10%, you get **219280**, and if you desaturate by 10%, it is **3F9284**.

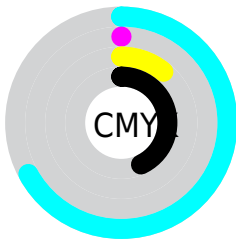
Distribution



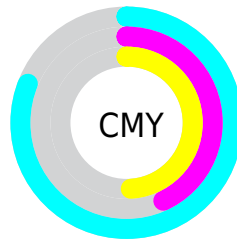
- Red (19%)
- Green (57%)
- Blue (51%)



- Red (19%)
- Yellow (40%)
- Blue (57%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)



- Cyan (81%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Hex color 309282 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 309282 by changing the saturation by 10% instead.

 309282

 309282

FFFFFF

 027869

 6BC8B7

 005F51

 87E5D2

 00463A

 A3FEEF

 002F24

 C0FFFF

 001A0F

 DDFFFF

 000000

 FBFFFF

 309282

 309282

 219280

 3F9284

■ 13927D

■ 4D9287

■ 04927B

■ 5C9289

■ 00927A

■ 6A928C

■ 79928E

■ 889290

■ 969293

■ A59295

■ B39297

Harmonies

Analogous

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



588F66



309282



00919E

Triad

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



309282



867CB4



AC7854

Complementary

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



309282



923040

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.



B87069



309282



A673A0

Square

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



309282



5A86BB



B76E85



96824B

Rectangle

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



309282



0C8FAD



B76E85



B1755A

Sweetspot

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



309282



97BDB7



409230



485E5B



DEDEDE



5E5E5E

Same Dimension

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



309282



24BDA4



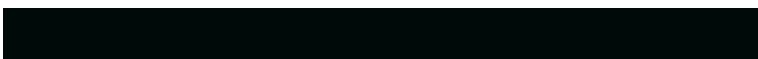
307192



434A49



008A73



000A09

Inverse Universe

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



923040



BD243D



925130



4A4344



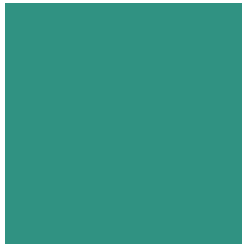
8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 309282 looks on a white background.

Color Contrast Check

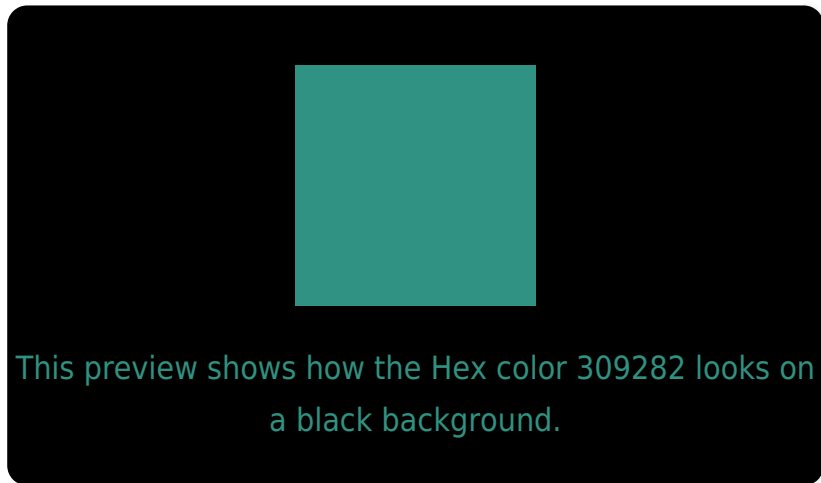
Large Text (above 18pt) WCAG AA ✓ Pass

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

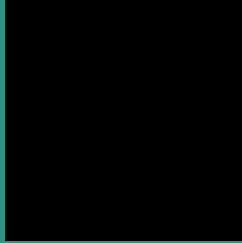
Any Text WCAG AA ✓ Pass

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 309282 Background



This preview shows how black text looks on a background with the Hex color 309282.

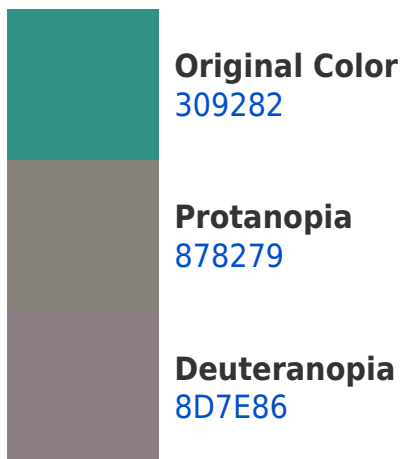


This preview shows how white text looks on a background with the Hex color 309282.

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



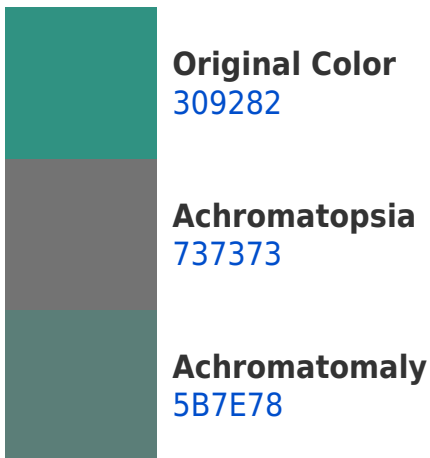


Tritanopia
3B8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 309282 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 #309282 looks like.

```
.text, #text, p{  
    color:#309282  
}
```

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 #309282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309282
}
```

Border

The CSS property to change the border of an element to Hex 309282 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
#309282 }
```

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

```
.border{ border-color:#309282 }
```

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

Here you see how a box with a 4 pixel #309282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309282; -webkit-box-shadow:4px 4px  
4px 4px #309282; box-shadow:4px 4px 4px  
4px #309282 }
```

Background

The CSS property to change the background color of an element to Hex 309282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309282 }
```

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

```
.background{ background-color:#309282 }
```

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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