

Converting Colors

Hex(309496)

Have a look what the booklet for
Hex(309496) contains.

Hex(309496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(309496)

Conversions

Conversions Part 1

Format	Color
Hex	309496
RGB	48, 148, 150
RGB Percent	19%, 58%, 59%
CMY	0.8118, 0.4196, 0.4118
CMYK	0.68, 0.01, 0.00, 0.41
HSL	181°, 52%, 39%
HSV	181°, 68%, 59%
XYZ	17.3138, 24.0102, 32.5761
YIQ	118.3280, -60.2420, -20.5780

Conversions

Conversions Part 2

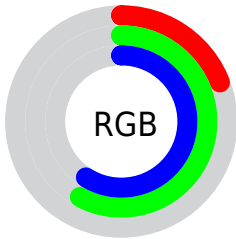
Format	Color
RYB	48, 98, 150
Decimal	3183766
CIELab	56.10, -27.33, -9.46
CIELCh	56, 28.921, 199.089
Yxy	24.0102, 0.2343, 0.3249
Android (android.graphics.Color)	4281373846 (0xFF309496)
YUV	118.3280, 15.6143, -61.6777
Hunter-Lab	49.0002, -22.6787, -5.1167




Details

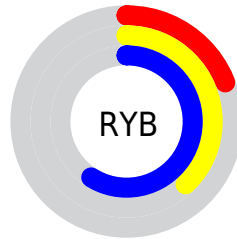
The Hex color **309496** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **963230**, and the grayscale version is **767676**.




A 20% lighter version of the original color is **6DCACC**, and **006163** is the 20% darker color. If you saturate the color by 10%, you get **219496**, and if you desaturate by 10%, it is **3F9496**.

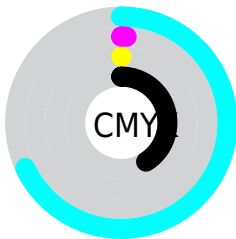
Distribution







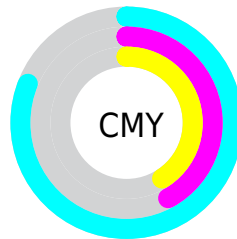
-  Red (19%)
-  Green (58%)
-  Blue (59%)






-  Red (19%)
-  Yellow (38%)
-  Blue (59%)



-  Cyan (68%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (81%)
-  Magenta (42%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309496 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 309496 by changing the saturation by 10% instead.

 309496

 309496

FFFFFF

 007A7C

 6DCACC

 006163

 89E7E8

 00494B

 A6FFFF

 003135

 C3FFFF

 001E20

 E0FFFF

 000007

FEFFFF

 000000

 309496

 309496

 219496

 3F9496

■ 129396

■ 4E9596

■ 039396

■ 5D9596

■ 009396

■ 6C9596

■ 7B9596

■ 8A9696

■ 999696

■ A89696

■ B79796

Harmonies

Analogous

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



4C947C



309496



3291AC

Triad

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



309496



9D7AA8



A08255

Complementary

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



309496



963230

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.



B17962



309496



B27491

Square

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



309496



7D83B6



B87477



878A56

Rectangle

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



309496



488EB5



B87477



A77F58

Sweetspot

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



309496



9BC1C2



309632



4A6061



E0E0E0



616161

Same Dimension

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



309496



23BFC2



306196



434A4A



00878A



000A0A

Inverse Universe

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



963094



C223BF



966530



4A434A



8A0087



0A000A

Previews

White Background



This preview shows how the Hex color 309496 looks on a white background.

Color Contrast Check

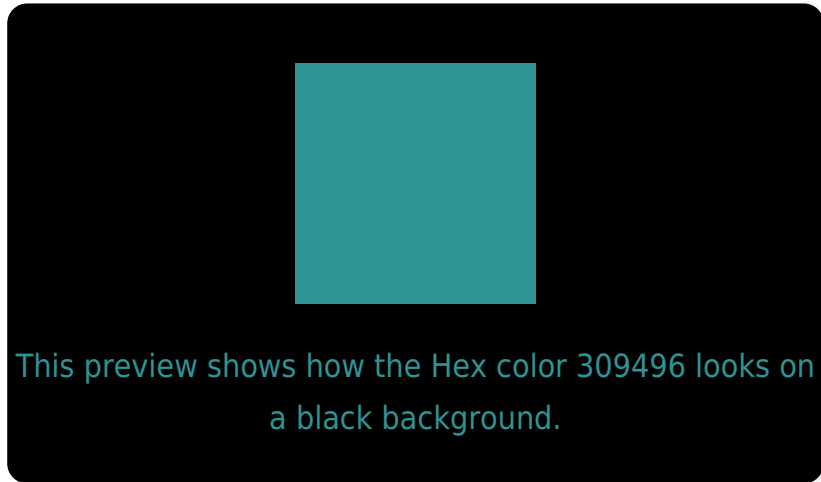
Large Text (above 18pt) WCAG AA ✓ Pass

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

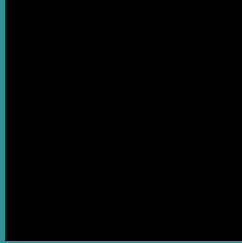
Any Text WCAG AA ✓ Pass

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 309496 Background



This preview shows how black text looks on a background with the Hex color 309496.

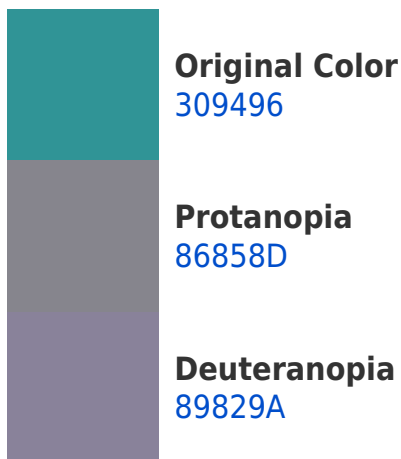


This preview shows how white text looks on a background with the Hex color 309496.

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
35939F

Trichromacy



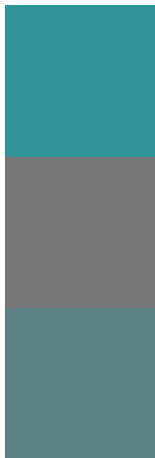
Original Color
309496

Protanomaly
678A90

Deuteranomaly
698999

Tritanomaly
33939C

Monochromacy



Original Color
309496

Achromatopsia
767676

Achromatomaly
5D8182

CSS Examples

Text

The CSS property to change the color of the text to Hex 309496 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 #309496 looks like.

```
.text, #text, p{  
    color:#309496  
}
```

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 #309496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309496
}
```

Border

The CSS property to change the border of an element to Hex 309496 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
#309496 }
```

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

```
.border{ border-color:#309496 }
```

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

Here you see how a box with a 4 pixel #309496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309496; -webkit-box-shadow:4px 4px  
4px 4px #309496; box-shadow:4px 4px 4px  
4px #309496 }
```

Background

The CSS property to change the background color of an element to Hex 309496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309496 }
```

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

```
.background{ background-color:#309496 }
```

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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