

Converting Colors

Hex(309293)

Have a look what the booklet for
Hex(309293) contains.

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Color

Hex(309293)

Conversions

Conversions Part 1

Format	Color
Hex	309293
RGB	48, 146, 147
RGB Percent	19%, 57%, 58%
CMY	0.8118, 0.4275, 0.4235
CMYK	0.67, 0.01, 0.00, 0.42
HSL	181°, 51%, 38%
HSV	181°, 67%, 58%
XYZ	16.7643, 23.2927, 31.2161
YIQ	116.8120, -58.7290, -20.4650

Conversions

Conversions Part 2

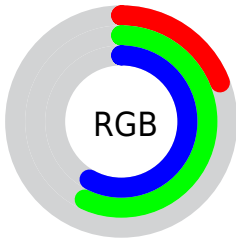
Format	Color
RYB	48, 97, 147
Decimal	3183251
CIELab	55.37, -27.24, -8.82
CIElCh	55, 28.629, 197.946
Yxy	23.2927, 0.2352, 0.3268
Android (android.graphics.Color)	4281373331 (0xFF309293)
YUV	116.8120, 14.8827, -60.3481
Hunter-Lab	48.2625, -22.4565, -4.5649




Details

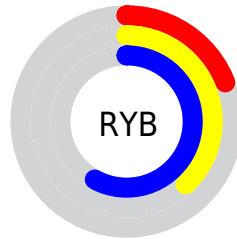
The Hex color **309293** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **933130**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **6CC8C9**, and **005F61** is the 20% darker color. If you saturate the color by 10%, you get **219293**, and if you desaturate by 10%, it is **3F9293**.

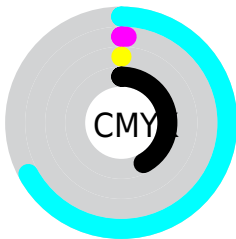
Distribution







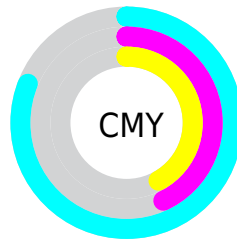
-  Red (19%)
-  Green (57%)
-  Blue (58%)






-  Red (19%)
-  Yellow (38%)
-  Blue (58%)



-  Cyan (67%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (81%)
-  Magenta (43%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309293 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 309293 by changing the saturation by 10% instead.

 309293

 309293

FFFFFF

 007879

 6CC8C9

 005F61

 89E5E5

 004749

 A5FFFF

 003032

 C2FFFF

 001C1D

 E0FFFF

 000002

FDFFFF

 000000

 309293

 309293

 219293

 3F9293

■ 139293

■ 4D9293

■ 049293

■ 5C9293

■ 009293

■ 6B9393

■ 7A9393

■ 889393

■ 979393

■ A69393

■ B49393

Harmonies

Analogous

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



4C9179



309293



3090A9

Triad

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



309293



9A79A6



9E8054

Complementary

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



309293



933130

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.



AF7761



309293



AF7390

Square

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



309293



7982B4



B67277



868855

Rectangle

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



309293



458CB2



B67277



A57D57

Sweetspot

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



309293



99BFBF



309330



4A6161



E0E0E0



616161

Same Dimension

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



309293



24BEBF



306193



434A4A



00888A



000A0A

Inverse Universe

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



933092



BF24BE



936130



4A434A



8A0088



0A000A

Previews

White Background



This preview shows how the Hex color 309293 looks on a white background.

Color Contrast Check

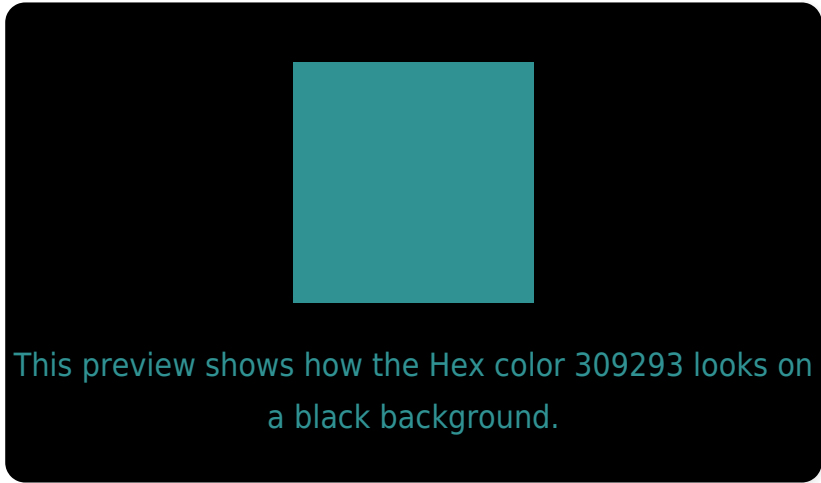
Large Text (above 18pt) WCAG AA ✓ Pass

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

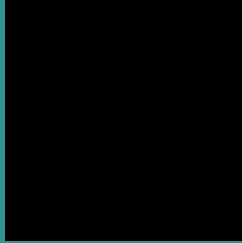
Any Text WCAG AA ✓ Pass

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 309293 Background



This preview shows how black text looks on a background with the Hex color 309293.

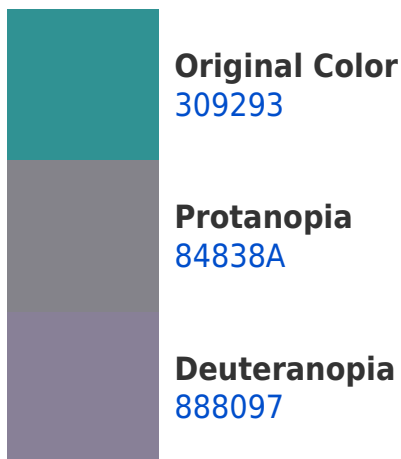


This preview shows how white text looks on a background with the Hex color 309293.

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
35919C

Trichromacy



Original Color
309293

Protanomaly
65888D

Deuteranomaly
688796

Tritanomaly
339199

Monochromacy



Original Color
309293

Achromatopsia
757575

Achromatomaly
5C8080

CSS Examples

Text

The CSS property to change the color of the text to Hex 309293 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 #309293 looks like.

```
.text, #text, p{  
    color:#309293  
}
```

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 #309293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309293
}
```

Border

The CSS property to change the border of an element to Hex 309293 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
#309293 }
```

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

```
.border{ border-color:#309293 }
```

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

Here you see how a box with a 4 pixel #309293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309293; -webkit-box-shadow:4px 4px  
4px 4px #309293; box-shadow:4px 4px 4px  
4px #309293 }
```

Background

The CSS property to change the background color of an element to Hex 309293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309293 }
```

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

```
.background{ background-color:#309293 }
```

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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