

Converting Colors

Hex(309378)

Have a look what the booklet for
Hex(309378) contains.

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Color

Hex(309378)

Conversions

Conversions Part 1

Format	Color
Hex	309378
RGB	48, 147, 120
RGB Percent	19%, 58%, 47%
CMY	0.8118, 0.4235, 0.5294
CMYK	0.67, 0.00, 0.18, 0.42
HSL	164°, 51%, 38%
HSV	164°, 67%, 58%
XYZ	15.0428, 22.8519, 21.3873
YIQ	114.3210, -50.3370, -29.3850

Conversions

Conversions Part 2

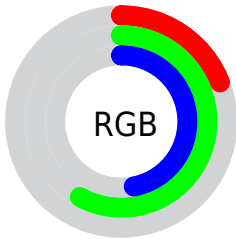
Format	Color
R_{YB}	48, 105, 147
Decimal	3183480
CIE _{Lab}	54.92, -35.23, 6.02
CIE _{LCh}	55, 35.739, 170.310
Yxy	22.8519, 0.2537, 0.3855
Android (android.graphics.Color)	4281373560 (0xFF309378)
YUV	114.3210, 2.7997, -58.1635
Hunter-Lab	47.8036, -27.4862, 6.9362

Details

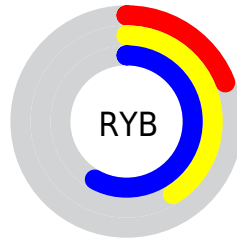
The Hex color **309378** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **93304B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6ACAAC**, and **005F48** is the 20% darker color. If you saturate the color by 10%, you get **219374**, and if you desaturate by 10%, it is **3F937C**.

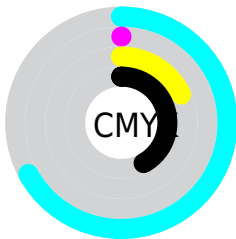
Distribution



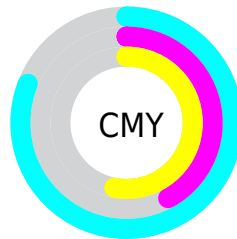
- Red (19%)
- Green (58%)
- Blue (47%)



- Red (19%)
- Yellow (41%)
- Blue (58%)



- Cyan (67%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (81%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309378 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 309378 by changing the saturation by 10% instead.

 309378

 309378

FFFFFF

 03795F

 6ACAAC

 005F48

 87E6C8

 004731

 A3FFE4

 00301C

 BFFFFF

 001A02

 DDDFFF

 000000

 FAAAAF

 309378

 309378

 219374

 3F937C

■ 139370

■ 4D9380

■ 04936C

■ 5C9384

■ 00936B

■ 6B9388

■ 7A938C

■ 889390

■ 979394

■ A69398

■ B4939C

Harmonies

Analogous

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



5E8F5B



309378



009398

Triad

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



309378



777FBD



B57355

Complementary

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



309378



93304B

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.



BF6C70



309378



A074AB

Square

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



309378



3D8AC0



B86C8F



A07E46

Rectangle

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



309378



0092AB



B86C8F



BA705D

Sweetspot

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



309378



99BFB5



4C9330



4A615B



E0E0E0



616161

Same Dimension

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



309378



24BF95



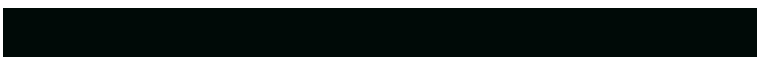
307E93



434A48



008A64



000A07

Inverse Universe

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



93304B



BF244F



934530



4A4345



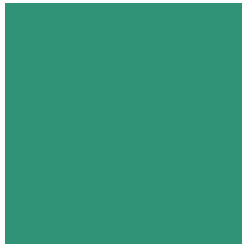
8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 309378 looks on a white background.

Color Contrast Check

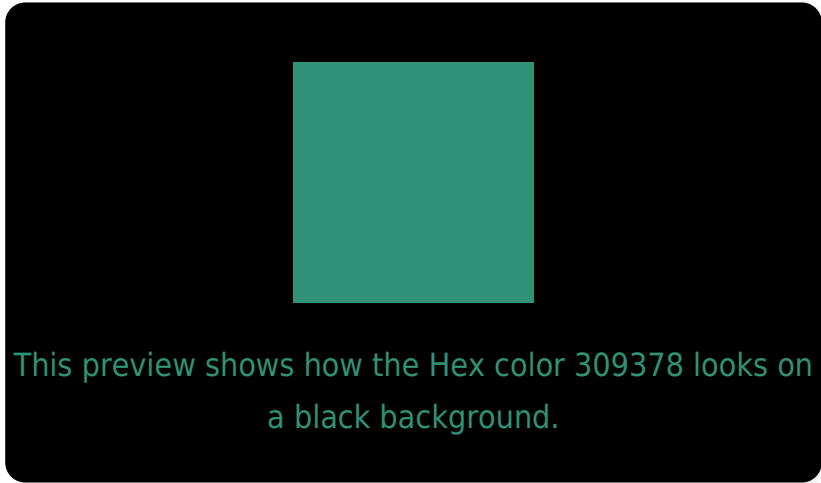
Large Text (above 18pt) WCAG AA ✓ Pass

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

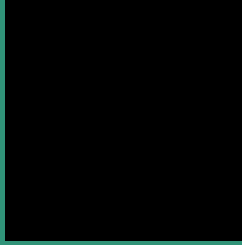
Any Text WCAG AA ✓ Pass

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 309378 Background



This preview shows how black text looks on a background with the Hex color 309378.

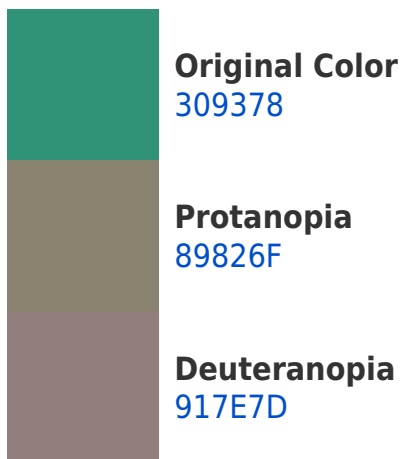


This preview shows how white text looks on a background with the Hex color 309378.

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
3F8E9A

Trichromacy



Original Color
309378



Protanomaly
698872



Deuteranomaly
6E867B



Tritanomaly
3A908E

Monochromacy



Original Color
309378



Achromatopsia
727272



Achromatomaly
5A7E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 309378 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 #309378 looks like.

```
.text, #text, p{  
    color:#309378  
}
```

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 #309378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309378
}
```

Border

The CSS property to change the border of an element to Hex 309378 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
#309378 }
```

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

```
.border{ border-color:#309378 }
```

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

Here you see how a box with a 4 pixel #309378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309378; -webkit-box-shadow:4px 4px  
4px 4px #309378; box-shadow:4px 4px 4px  
4px #309378 }
```

Background

The CSS property to change the background color of an element to Hex 309378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309378 }
```

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

```
.background{ background-color:#309378 }
```

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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