

Converting Colors

Hex(319078)

Have a look what the booklet for
Hex(319078) contains.

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Color

Hex(319078)

Conversions

Conversions Part 1

Format	Color
Hex	319078
RGB	49, 144, 120
RGB Percent	19%, 56%, 47%
CMY	0.8078, 0.4353, 0.5294
CMYK	0.66, 0.00, 0.17, 0.44
HSL	165°, 49%, 38%
HSV	165°, 66%, 56%
XYZ	14.6300, 21.9556, 21.2361
YIQ	112.8590, -48.9160, -27.6040

Conversions

Conversions Part 2

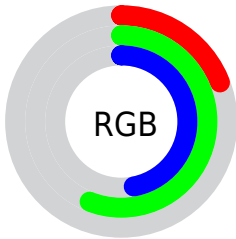
Format	Color
R_{YB}	49, 103, 144
Decimal	3248248
CIE _{Lab}	53.98, -33.68, 4.67
CIE _{LCh}	54, 33.998, 172.105
Yxy	21.9556, 0.2530, 0.3797
Android (android.graphics.Color)	4281438328 (0xFF319078)
YUV	112.8590, 3.5205, -56.0043
Hunter-Lab	46.8568, -26.2664, 5.9288

Details

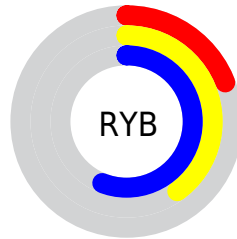
The Hex color **319078** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **903149**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BC6AC**, and **005D48** is the 20% darker color. If you saturate the color by 10%, you get **239074**, and if you desaturate by 10%, it is **3F907C**.

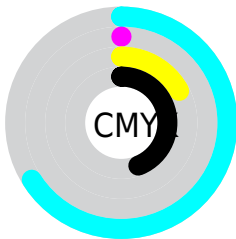
Distribution



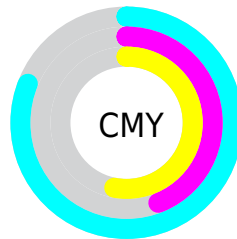
- Red (19%)
- Green (56%)
- Blue (47%)



- Red (19%)
- Yellow (40%)
- Blue (56%)



- Cyan (66%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)





- Cyan (81%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319078 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 319078 by changing the saturation by 10% instead.

 319078

 319078

FFFFFF

 08765F

 6BC6AC

 005D48

 87E3C8

 004531

 A3FFE4

 002D1C

 BFFFFFF


 001702

 DCFFFF

 000000

 FAFFFF

 319078

 319078

 239074

 3F907C

■ 149071

■ 4E907F

■ 06906D

■ 5C9083

■ 00906C

■ 6B9087

■ 79908A

■ 87908E

■ 969091

■ A49095

■ B39099

Harmonies

Analogous

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



5C8D5C



319078



009096

Triad

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



319078



787CB7



B07254

Complementary

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



319078



903149

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.



BA6B6C



319078



9E72A5

Square

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



319078



4486BB



B46A8A



9B7D46

Rectangle

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



319078



008FA7



B46A8A



B56F5B

Sweetspot

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



319078



95BAB1



4A9031



485E59



DEDEDE



5E5E5E

Same Dimension

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



319078



27BA95



317A90



404746



008765



000806

Inverse Universe

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



903149



BA274C



904731



474042



870022



080002

Previews

White Background



This preview shows how the Hex color 319078 looks on a white background.

Color Contrast Check

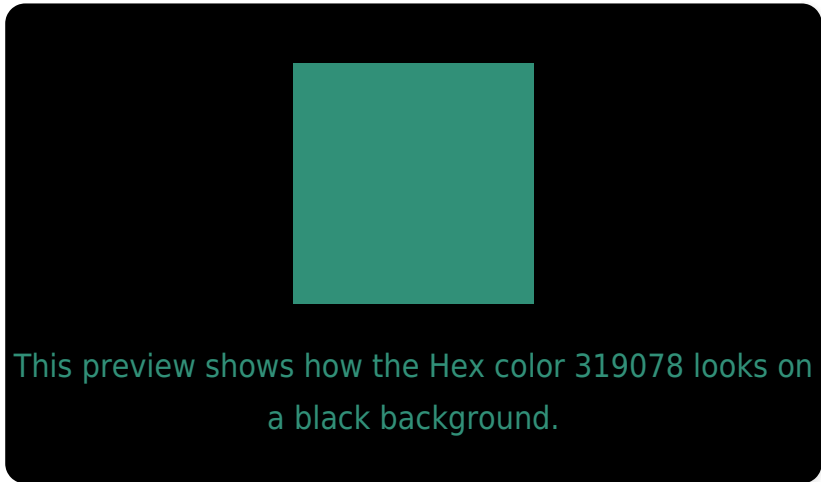
Large Text (above 18pt) WCAG AA ✓ Pass

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

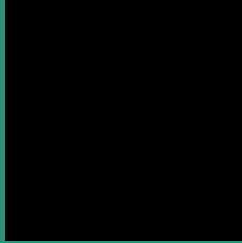
Any Text WCAG AA ✓ Pass

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 319078 Background



This preview shows how black text looks on a background with the Hex color 319078.

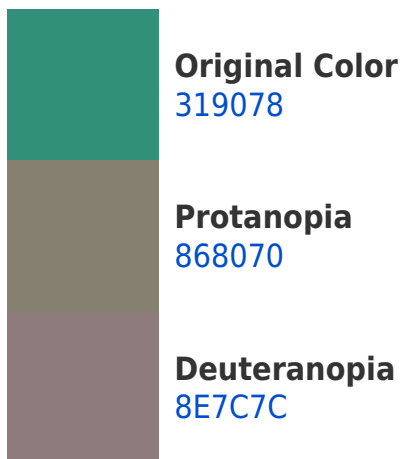


This preview shows how white text looks on a background with the Hex color 319078.

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](#).

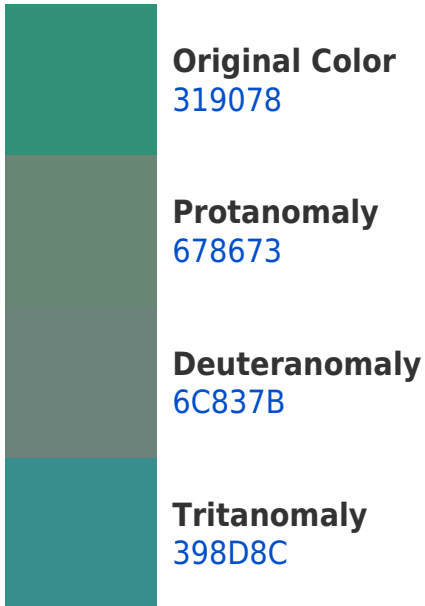
Dichromacy





Tritanopia
3E8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319078 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 #319078 looks like.

```
.text, #text, p{  
    color:#319078  
}
```

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 #319078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319078
}
```

Border

The CSS property to change the border of an element to Hex 319078 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
#319078 }
```

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

```
.border{ border-color:#319078 }
```

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

Here you see how a box with a 4 pixel #319078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319078; -webkit-box-shadow:4px 4px  
4px 4px #319078; box-shadow:4px 4px 4px  
4px #319078 }
```

Background

The CSS property to change the background color of an element to Hex 319078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319078 }
```

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

```
.background{ background-color:#319078 }
```

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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