

Converting Colors

Hex(319A8C)

Have a look what the booklet for
Hex(319A8C) contains.

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Color

Hex(319A8C)

Conversions

Conversions Part 1

Format	Color
Hex	319A8C
RGB	49, 154, 140
RGB Percent	19%, 60%, 55%
CMY	0.8078, 0.3961, 0.4510
CMYK	0.68, 0.00, 0.09, 0.40
HSL	172°, 52%, 40%
HSV	172°, 68%, 60%
XYZ	17.5558, 25.6576, 28.8381
YIQ	121.0090, -58.0860, -26.6140

Conversions

Conversions Part 2

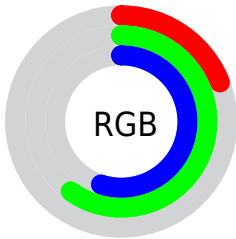
Format	Color
R_{YB}	49, 105, 154
Decimal	3250828
CIE _{Lab}	57.71, -32.97, -1.35
CIE _{LCh}	58, 32.995, 182.349
Yxy	25.6576, 0.2437, 0.3561
Android (android.graphics.Color)	4281440908 (0xFF319A8C)
YUV	121.0090, 9.3626, -63.1519
Hunter-Lab	50.6534, -26.7774, 1.7022

Details

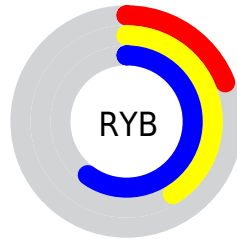
The Hex color **319A8C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A313F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6DD1C1**, and **00665A** is the 20% darker color. If you saturate the color by 10%, you get **229A8A**, and if you desaturate by 10%, it is **409A8E**.

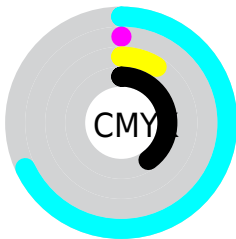
Distribution



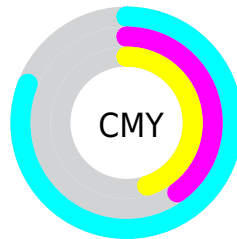
- Red (19%)
- Green (60%)
- Blue (55%)



- Red (19%)
- Yellow (41%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)




- Cyan (81%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319A8C 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 319A8C by changing the saturation by 10% instead.

 319A8C

 319A8C

FFFFFF

 008073

 6DD1C1

 00665A

 8AEDDD

 004E43

 A7FFFA

 00362D


 C4FFFF

 002218

 E1FFFF

 000000

 319A8C

 319A8C

 229A8A

 409A8E

 129A88

 509A90

039A86

5F9A92

009A85

6F9A94

7E9A96

8D9A98

9D9A9A

AC9A9C

BC9A9E

Harmonies

Analogous

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



5A986F



319A8C



0099A9

Triad

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



319A8C



9182BB



B38058

Complementary

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



319A8C



9A313F

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.



C1776D



319A8C



B179A6

Square

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



319A8C



648DC4



C17489



9B8A50

Rectangle

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



319A8C



1B97B7



C17489



B97C5E

Sweetspot

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



319A8C



A1C9C4



3F9A31



4E6663



E6E6E6



666666

Same Dimension

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



319A8C



24C9B3



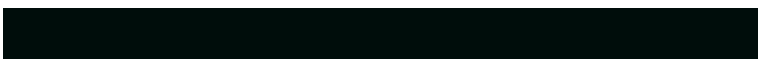
31739A



454D4B



008C7A



000D0B

Inverse Universe

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



9A313F



C9243A



9A5731



4D4546



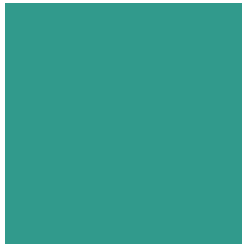
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 319A8C looks on a white background.

Color Contrast Check

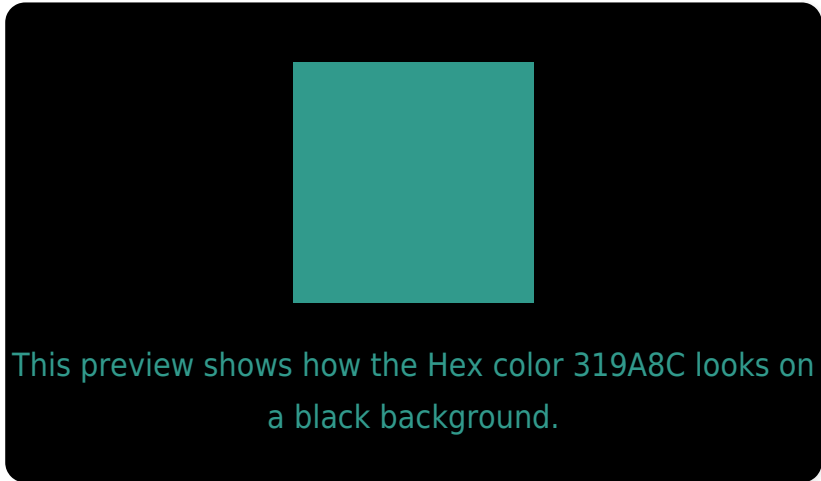
Large Text (above 18pt) WCAG AA ✓ Pass

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

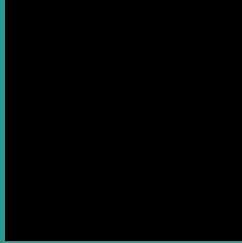
Any Text WCAG AA ✓ Pass

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 319A8C Background



This preview shows how black text looks on a background with the Hex color 319A8C.

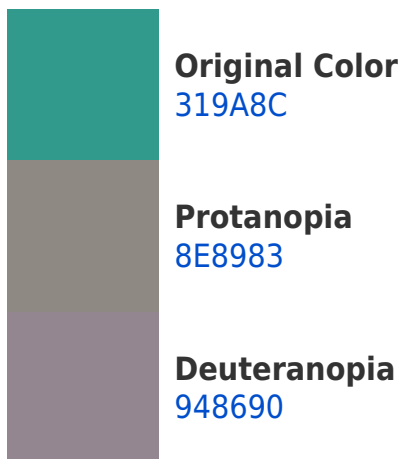


This preview shows how white text looks on a background with the Hex color 319A8C.

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
3C97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319A8C 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 #319A8C looks like.

```
.text, #text, p{  
    color:#319A8C  
}
```

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 #319A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319A8C
}
```

Border

The CSS property to change the border of an element to Hex 319A8C 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
#319A8C }
```

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

```
.border{ border-color:#319A8C }
```

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

Here you see how a box with a 4 pixel #319A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319A8C; -webkit-box-shadow:4px 4px  
4px 4px #319A8C; box-shadow:4px 4px 4px  
4px #319A8C }
```

Background

The CSS property to change the background color of an element to Hex 319A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319A8C }
```

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

```
.background{ background-color:#319A8C }
```

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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