

Converting Colors

Hex(319A83)

Have a look what the booklet for
Hex(319A83) contains.

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Color

Hex(319A83)

Conversions

Conversions Part 1

Format	Color
Hex	319A83
RGB	49, 154, 131
RGB Percent	19%, 60%, 51%
CMY	0.8078, 0.3961, 0.4863
CMYK	0.68, 0.00, 0.15, 0.40
HSL	167°, 52%, 40%
HSV	167°, 68%, 60%
XYZ	16.9190, 25.4029, 25.4843
YIQ	119.9830, -55.1970, -29.4130

Conversions

Conversions Part 2

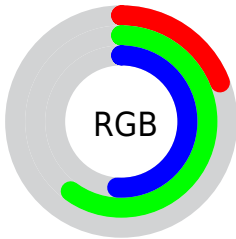
Format	Color
RYB	49, 108, 154
Decimal	3250819
CIELab	57.47, -35.40, 3.41
CIELCh	57, 35.563, 174.495
Yxy	25.4029, 0.2495, 0.3746
Android (android.graphics.Color)	4281440899 (0xFF319A83)
YUV	119.9830, 5.4314, -62.2521
Hunter-Lab	50.4013, -28.2824, 5.3022

Details

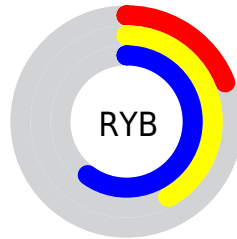
The Hex color **319A83** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A3148**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6DD1B8**, and **006652** is the 20% darker color. If you saturate the color by 10%, you get **229A80**, and if you desaturate by 10%, it is **409A86**.

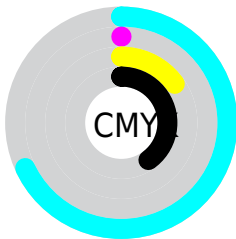
Distribution



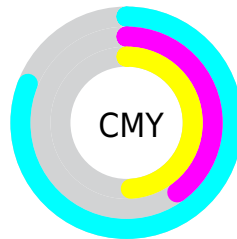
- Red (19%)
- Green (60%)
- Blue (51%)



- Red (19%)
- Yellow (42%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319A83 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 319A83 by changing the saturation by 10% instead.



319A83



319A83

FFFFFF



01806A



6DD1B8



006652



89EED4



004D3B



A6FFF0



003625



C3FFFF



002210



E0FFFF



000000

FEFFFF



319A83



319A83



229A80



409A86

■ 129A7C

■ 509A8A

■ 039A79

■ 5F9A8D

■ 009A78

■ 6F9A90

■ 7E9A94

■ 8D9A97

■ 9D9A9B

■ AC9A9E

■ BC9AA1

Harmonies

Analogous

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



5F9765



319A83



009AA3

Triad

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



319A83



8584C2



BA7B58

Complementary

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



319A83



9A3148

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.



C67372



319A83



AB79AE

Square

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



319A83



4F8FC7



C17291



A3864C

Rectangle

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



319A83



0098B5



C17291



BF7860

Sweetspot

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



319A83



A1C9C1



4A9A31



4E6661



E6E6E6



666666

Same Dimension

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



319A83



24C9A5



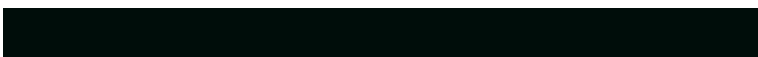
317E9A



454D4B



008C6E



000D0A

Inverse Universe

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



9A3148



C92448



9A4D31



4D4547



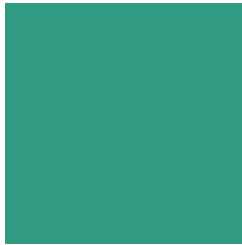
8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 319A83 looks on a white background.

Color Contrast Check

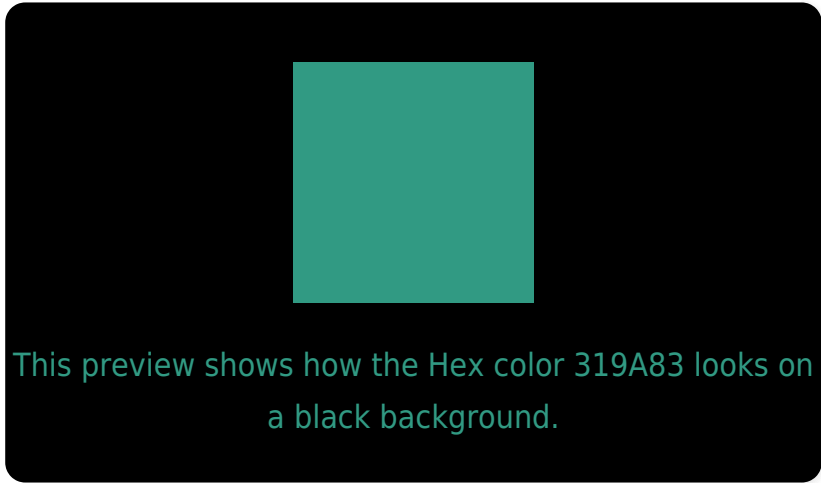
Large Text (above 18pt) WCAG AA ✓ Pass

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

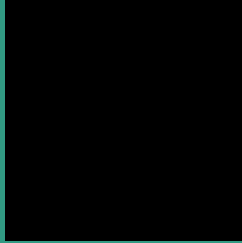
Any Text WCAG AA ✓ Pass

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 319A83 Background



This preview shows how black text looks on a background with the Hex color 319A83.

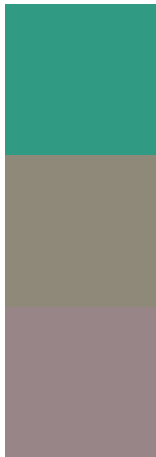


This preview shows how white text looks on a background with the Hex color 319A83.

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



Original Color
319A83

Protanopia
8F897A

Deuteranopia
978588



Tritanopia
3F96A2

Trichromacy



Original Color
319A83



Protanomaly
6D8F7D



Deuteranomaly
728D86



Tritanomaly
3A9797

Monochromacy



Original Color
319A83



Achromatopsia
787878



Achromatomaly
5E847C

CSS Examples

Text

The CSS property to change the color of the text to Hex 319A83 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 #319A83 looks like.

```
.text, #text, p{  
    color:#319A83  
}
```

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 #319A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319A83
}
```

Border

The CSS property to change the border of an element to Hex 319A83 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
#319A83 }
```

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

```
.border{ border-color:#319A83 }
```

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

Here you see how a box with a 4 pixel #319A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319A83; -webkit-box-shadow:4px 4px  
4px 4px #319A83; box-shadow:4px 4px 4px  
4px #319A83 }
```

Background

The CSS property to change the background color of an element to Hex 319A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319A83 }
```

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

```
.background{ background-color:#319A83 }
```

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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