

Converting Colors

Hex(319B6E)

Have a look what the booklet for
Hex(319B6E) contains.

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Color

Hex(319B6E)

Conversions

Conversions Part 1

Format	Color
Hex	319B6E
RGB	49, 155, 110
RGB Percent	19%, 61%, 43%
CMY	0.8078, 0.3922, 0.5686
CMYK	0.68, 0.00, 0.29, 0.39
HSL	155°, 52%, 40%
HSV	155°, 68%, 61%
XYZ	15.8024, 25.2214, 18.7872
YIQ	118.1760, -48.7310, -36.4670

Conversions

Conversions Part 2

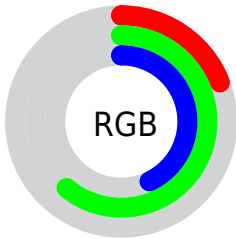
Format	Color
RYB	49, 116, 155
Decimal	3251054
CIELab	57.29, -40.97, 15.02
CIELCh	57, 43.638, 159.868
Yxy	25.2214, 0.2642, 0.4217
Android (android.graphics.Color)	4281441134 (0xFF319B6E)
YUV	118.1760, -4.0308, -60.6674
Hunter-Lab	50.2210, -31.7202, 12.9748

Details

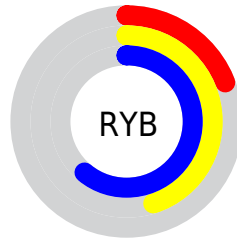
The Hex color **319B6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B315E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6CD2A2**, and **00673E** is the 20% darker color. If you saturate the color by 10%, you get **219B67**, and if you desaturate by 10%, it is **419B75**.

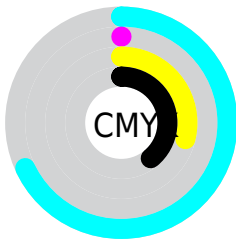
Distribution



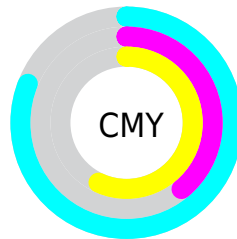
- Red (19%)
- Green (61%)
- Blue (43%)



- Red (19%)
- Yellow (45%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319B6E 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 319B6E by changing the saturation by 10% instead.



319B6E



319B6E

FFFFFF



038056



6CD2A2



00673E



89EFBD



004E28



A5FFD9



003613



C2FFF5



002100



DFFFFF



000000

FDFFFF



319B6E



319B6E



219B67



419B75

 129B61

 509B7B

 029B5A

 5F9B82

 009B59

 6F9B88

 7E9B8F

 8E9B95

 9D9B9C

 AD9BA3

 BC9BA9

Harmonies

Analogous

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



6B954D



319B6E



009D95

Triad

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



319B6E



6089D4



CB715B

Complementary

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



319B6E



9B315E

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.



D1697E



319B6E



9D7BC4

Square

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



319B6E



0095D0



C26DA5



B57E41

Rectangle

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



319B6E



009CAE



C26DA5



CF6D66

Sweetspot

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



319B6E



9FC9B7



5F9B31



4D665B



E6E6E6



666666

Same Dimension

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



319B6E



24C983



31949B



454D49



008C51



000D07

Inverse Universe

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



9B315E



C9246A



9B3831



4D4548



8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 319B6E looks on a white background.

Color Contrast Check

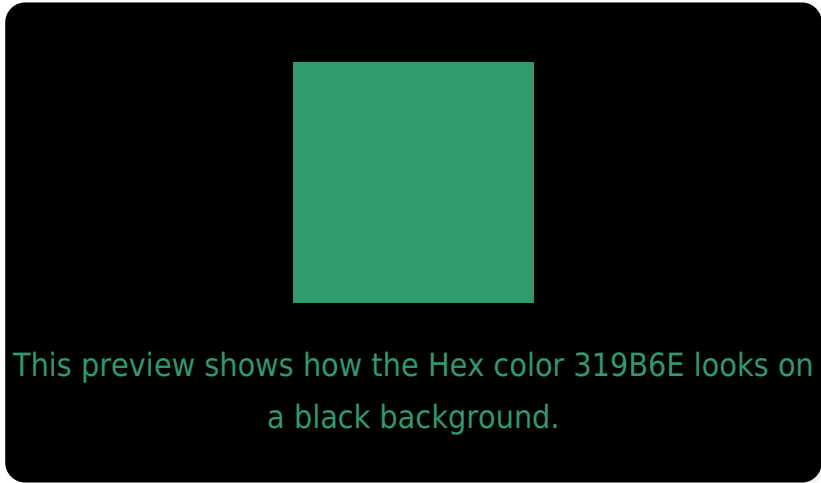
Large Text (above 18pt) WCAG AA ✓ Pass

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

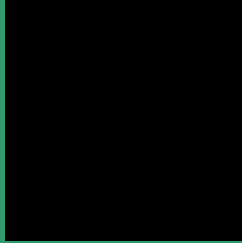
Any Text WCAG AA ✓ Pass

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 319B6E Background



This preview shows how black text looks on a background with the Hex color 319B6E.



This preview shows how white text looks on a background with the Hex color 319B6E.

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
4595A1

Trichromacy



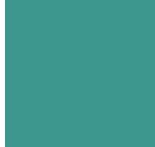
Original Color
319B6E



Protanomaly
6F8F69



Deuteranomaly
768C71



Tritanomaly
3E978E

Monochromacy



Original Color
319B6E



Achromatopsia
767676



Achromatomaly
5D8373

CSS Examples

Text

The CSS property to change the color of the text to Hex 319B6E 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 #319B6E looks like.

```
.text, #text, p{  
    color:#319B6E  
}
```

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 #319B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319B6E
}
```

Border

The CSS property to change the border of an element to Hex 319B6E 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
#319B6E }
```

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

```
.border{ border-color:#319B6E }
```

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

Here you see how a box with a 4 pixel #319B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319B6E; -webkit-box-shadow:4px 4px  
4px 4px #319B6E; box-shadow:4px 4px 4px  
4px #319B6E }
```

Background

The CSS property to change the background color of an element to Hex 319B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319B6E }
```

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

```
.background{ background-color:#319B6E }
```

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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