

Converting Colors

Hex(319B71)

Have a look what the booklet for
Hex(319B71) contains.

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Color

Hex(319B71)

Conversions

Conversions Part 1

Format	Color
Hex	319B71
RGB	49, 155, 113
RGB Percent	19%, 61%, 44%
CMY	0.8078, 0.3922, 0.5569
CMYK	0.68, 0.00, 0.27, 0.39
HSL	156°, 52%, 40%
HSV	156°, 68%, 61%
XYZ	15.9686, 25.2879, 19.6622
YIQ	118.5180, -49.6940, -35.5340

Conversions

Conversions Part 2

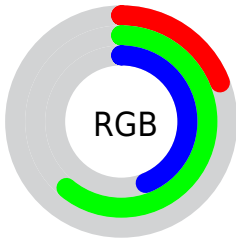
Format	Color
RYB	49, 115, 155
Decimal	3251057
CIELab	57.35, -40.29, 13.43
CIELCh	57, 42.467, 161.567
Yxy	25.2879, 0.2621, 0.4151
Android (android.graphics.Color)	4281441137 (0xFF319B71)
YUV	118.5180, -2.7204, -60.9673
Hunter-Lab	50.2871, -31.3199, 12.0186

Details

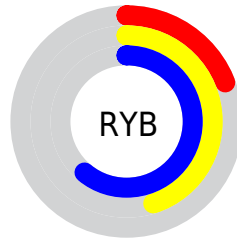
The Hex color **319B71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B315B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6CD2A5**, and **006741** is the 20% darker color. If you saturate the color by 10%, you get **219B6B**, and if you desaturate by 10%, it is **419B77**.

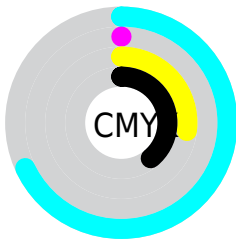
Distribution



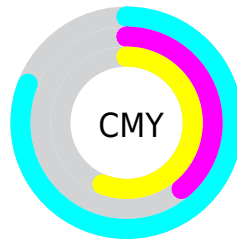
- Red (19%)
- Green (61%)
- Blue (44%)



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



- Cyan (68%)
- Magenta (0%)
- Yellow (27%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319B71 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 319B71 by changing the saturation by 10% instead.



319B71



319B71

FFFFFF



028058



6CD2A5



006741



89EFC0



004E2B



A5FFDC



003616



C2FFF8



002100



DFFFFF



000000

FDFFFF



319B71



319B71



219B6B



419B77

■ 129B65

■ 509B7D

■ 029B5F

■ 5F9B83

■ 009B5E

■ 6F9B8A

■ 7E9B90

■ 8E9B96

■ 9D9B9C

■ AD9BA2

■ BC9BA8

Harmonies

Analogous

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



699650



319B71



009D97

Triad

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



319B71



6689D2



C9725A

Complementary

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



319B71



9B315B

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.



D06B7D



319B71



9F7AC1

Square

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



319B71



0094CF



C26EA2



B38043

Rectangle

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



319B71



009CAF



C26EA2



CD6F65

Sweetspot

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



319B71



9FC9B9



5B9B31



4D665C



E6E6E6



666666

Same Dimension

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



319B71



24C988



31909B



454D49



008C55



000D08

Inverse Universe

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



9B315B



C92466



9B3C31



4D4548



8C0038



0D0005

Previews

White Background



This preview shows how the Hex color 319B71 looks on a white background.

Color Contrast Check

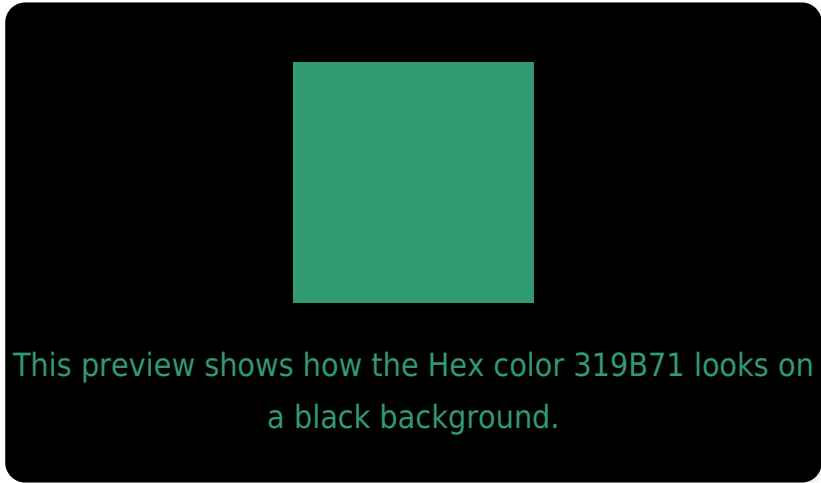
Large Text (above 18pt) WCAG AA ✓ Pass

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

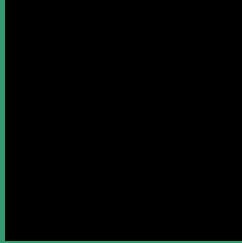
Any Text WCAG AA ✓ Pass

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 319B71 Background



This preview shows how black text looks on a background with the Hex color 319B71.



This preview shows how white text looks on a background with the Hex color 319B71.

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
319B71

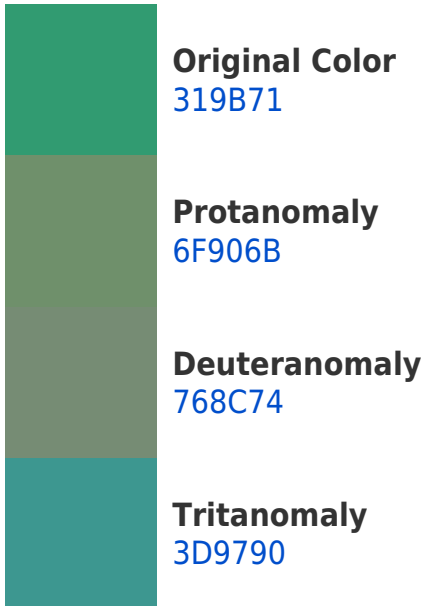
Protanopia
928968

Deuteranopia
9D8476



Tritanopia
4495A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319B71 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 #319B71 looks like.

```
.text, #text, p{  
    color:#319B71  
}
```

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 #319B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319B71  
}
```

Border

The CSS property to change the border of an element to Hex 319B71 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  
#319B71 }
```

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

```
.border{ border-color:#319B71 }
```

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

Here you see how a box with a 4 pixel #319B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319B71; -webkit-box-shadow:4px 4px  
4px 4px #319B71; box-shadow:4px 4px 4px  
4px #319B71 }
```

Background

The CSS property to change the background color of an element to Hex 319B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319B71 }
```

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

```
.background{ background-color:#319B71 }
```

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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