

# Converting Colors

Hex(319B5F)

Have a look what the booklet for  
Hex(319B5F) contains.

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# Color

Hex(319B5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	319B5F
RGB	49, 155, 95
RGB Percent	19%, 61%, 37%
CMY	0.8078, 0.3922, 0.6275
CMYK	0.68, 0.00, 0.39, 0.39
HSL	146°, 52%, 40%
HSV	146°, 68%, 61%
XYZ	15.0535, 24.9219, 14.8435
YIQ	116.4660, -43.9160, -41.1320

# Conversions

## Conversions Part 2

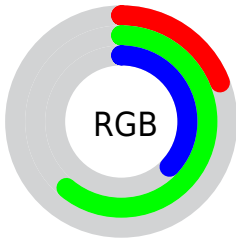
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 123, 155
Decimal	3251039
CIELab	57.00, -44.13, 22.93
CIELCh	57, 49.730, 152.546
Yxy	24.9219, 0.2746, 0.4546
Android (android.graphics.Color)	4281441119 (0xFF319B5F)
YUV	116.4660, -10.5827, -59.1677
Hunter-Lab	49.9218, -33.5379, 17.3163

# Details

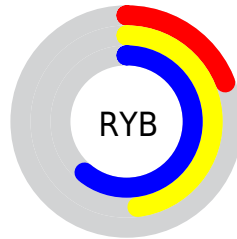
The Hex color **319B5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B316D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6CD292**, and **006730** is the 20% darker color. If you saturate the color by 10%, you get **219B56**, and if you desaturate by 10%, it is **419B68**.

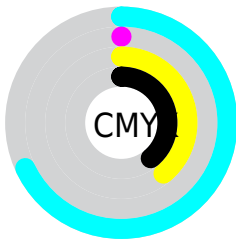
# Distribution



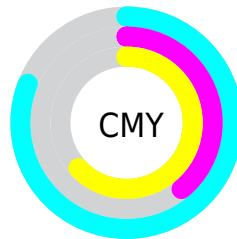
- Red (19%)
- Green (61%)
- Blue (37%)



- Red (19%)
- Yellow (48%)
- Blue (61%)



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



- Cyan (81%)
- Magenta (39%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 319B5F 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 319B5F by changing the saturation by 10% instead.





319B5F



319B5F

FFFFFF



038047



6CD292



006730



88EFAD



004E1A



A5FFC8



003601



C2FFE4



002000



DFFFFF



000000

FDFFFF



319B5F



319B5F



219B56



419B68

 129B4D

 509B71

 029B45

 5F9B79

 009B43

 6F9B82

 7E9B8B

 8E9B94

 9D9B9C

 AD9BA5

 BC9BAE

# Harmonies

## Analogous

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



71943B



319B5F



009E8B

# Triad

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



319B5F



338CDF



D5685D

# Complementary

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



319B5F



9B316D

# 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.



D76287



319B5F



907CD2

# Square

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



319B5F



0098D5



C16BB2



C0783B

# Rectangle

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



319B5F



009EA9



C16BB2



D8656A



# Sweetspot

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



319B5F



9FC9B2



6D9B31



4D6658



E6E6E6



666666



# Same Dimension

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



319B5F



24C96C



319B94



454D48



008C3D



000D06



# Inverse Universe

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



9B316D



C92482



9B3138



4D4549



8C004F



0D0007



# Previews

## White Background



This preview shows how the Hex color 319B5F looks on a white background.

## Color Contrast Check

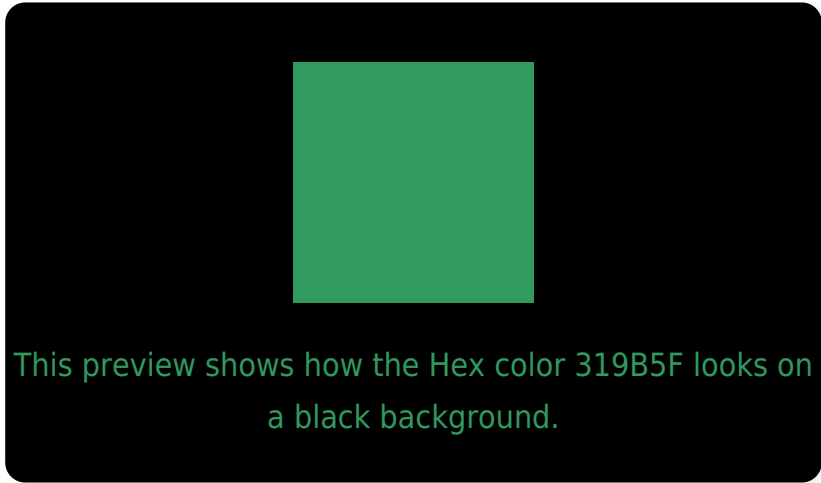
Large Text (above 18pt) WCAG AA ✓ Pass

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 319B5F Background



This preview shows how black text looks on a background with the Hex color 319B5F.

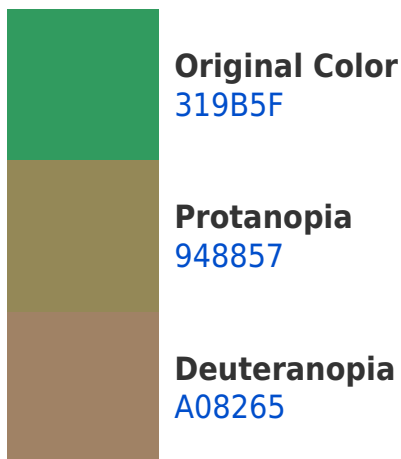


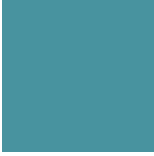
This preview shows how white text looks on a background with the Hex color 319B5F.

# 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](#).

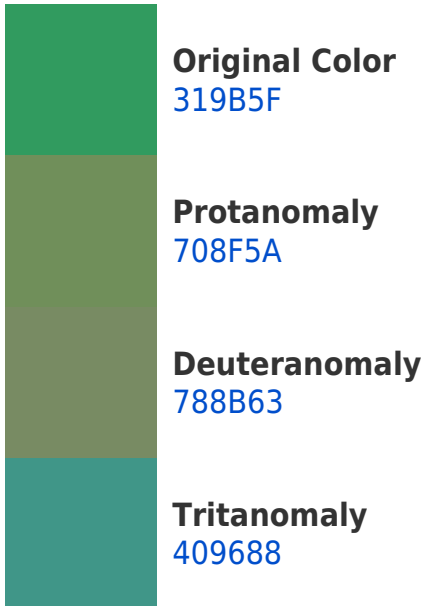
## Dichromacy





**Tritanopia**  
48939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 319B5F 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 #319B5F looks like.

```
.text, #text, p{  
    color:#319B5F  
}
```

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 #319B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319B5F
}
```

## Border

The CSS property to change the border of an element to Hex 319B5F 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
#319B5F }
```

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

```
.border{ border-color:#319B5F }
```

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

Here you see how a box with a 4 pixel #319B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319B5F; -webkit-box-shadow:4px 4px  
4px 4px #319B5F; box-shadow:4px 4px 4px  
4px #319B5F }
```

# Background

The CSS property to change the background color of an element to Hex 319B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319B5F }
```

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

```
.background{ background-color:#319B5F }
```

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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