

# Converting Colors

Hex(319E6B)

Have a look what the booklet for  
Hex(319E6B) contains.

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# Color

**Hex(319E6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	319E6B
RGB	49, 158, 107
RGB Percent	19%, 62%, 42%
CMY	0.8078, 0.3804, 0.5804
CMYK	0.69, 0.00, 0.32, 0.38
HSL	152°, 53%, 41%
HSV	152°, 69%, 62%
XYZ	16.1473, 26.1682, 18.1098
YIQ	119.5950, -48.5930, -38.9690

# Conversions

## Conversions Part 2

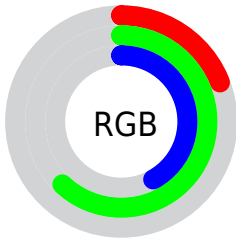
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 120, 158
Decimal	3251819
CIELab	58.20, -42.89, 17.94
CIElCh	58, 46.489, 157.306
Yxy	26.1682, 0.2672, 0.4331
Android (android.graphics.Color)	4281441899 (0xFF319E6B)
YUV	119.5950, -6.2093, -61.9118
Hunter-Lab	51.1549, -33.1765, 14.8186

# Details

The Hex color **319E6B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E3164**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6DD59F**, and **00693B** is the 20% darker color. If you saturate the color by 10%, you get **219E64**, and if you desaturate by 10%, it is **419E72**.

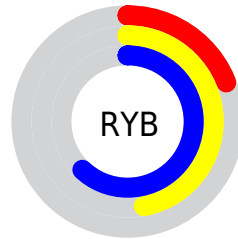
# Distribution



Red (19%)

Green (62%)

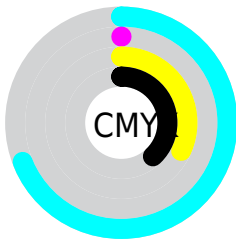
Blue (42%)



Red (19%)

Yellow (47%)

Blue (62%)

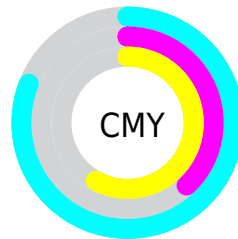


Cyan (69%)

Magenta (0%)

Yellow (32%)

Black (38%)



Cyan (81%)

Magenta (38%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 319E6B 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 319E6B by changing the saturation by 10% instead.





319E6B



319E6B

FFFFFF



018353



6DD59F



00693B



89F2BA



005025



A6FFD5



003810



C3FFF2



002300



E0FFFF



000000

FEFFFF



319E6B



319E6B



219E64



419E72

■ 119E5C

■ 519E7A

■ 029E55

■ 609E81

■ 009E54

■ 709E89

■ 809E90

■ 909E97

■ A09E9F

■ AF9EA6

■ BF9EAE

# Harmonies

## Analogous

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



6F9848



319E6B



00A095

# Triad

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



319E6B



558DDD



D3705D

# Complementary

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



319E6B



9E3164

# 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.



D76983



319E6B



9C7DCD

# Square

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



319E6B



0099D6



C66EAC



BC7F40

# Rectangle

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



319E6B



00A0B0



C66EAC



D66C69



# Sweetspot

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



319E6B



A3CFBA



669E31



4E695C



E8E8E8



696969



# Same Dimension

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



319E6B



23CF7E



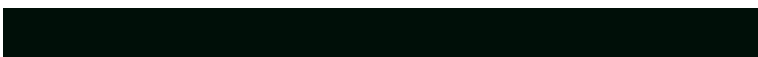
319C9E



474F4B



008F4C



000F08



# Inverse Universe

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



9E3164



CF2373



9E3331



4F474B



8F0043



0F0007



# Previews

## White Background



This preview shows how the Hex color 319E6B looks on a white background.

## Color Contrast Check

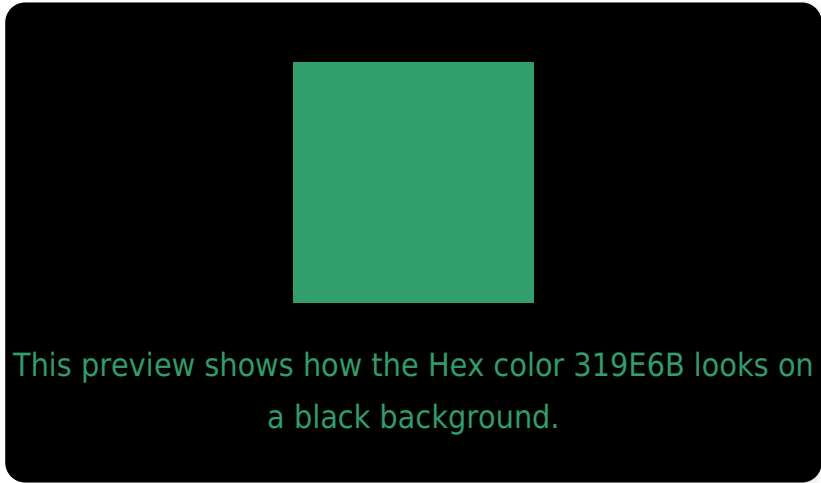
Large Text (above 18pt) WCAG AA ✓ Pass

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

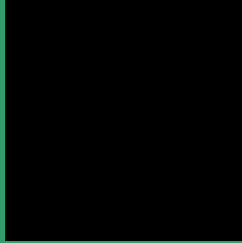
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 319E6B Background



This preview shows how black text looks on a background with the Hex color 319E6B.



This preview shows how white text looks on a background with the Hex color 319E6B.

# 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**  
4797A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 319E6B 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 #319E6B looks like.

```
.text, #text, p{  
    color:#319E6B  
}
```

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 #319E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319E6B
}
```

## Border

The CSS property to change the border of an element to Hex 319E6B 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
#319E6B }
```

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

```
.border{ border-color:#319E6B }
```

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

Here you see how a box with a 4 pixel #319E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319E6B; -webkit-box-shadow:4px 4px  
4px 4px #319E6B; box-shadow:4px 4px 4px  
4px #319E6B }
```

# Background

The CSS property to change the background color of an element to Hex 319E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319E6B }
```

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

```
.background{ background-color:#319E6B }
```

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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