

Converting Colors

Hex(318F67)

Have a look what the booklet for
Hex(318F67) contains.

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Color

Hex(318F67)

Conversions

Conversions Part 1

Format	Color
Hex	318F67
RGB	49, 143, 103
RGB Percent	19%, 56%, 40%
CMY	0.8078, 0.4392, 0.5961
CMYK	0.66, 0.00, 0.28, 0.44
HSL	154°, 49%, 38%
HSV	154°, 66%, 56%
XYZ	13.5373, 21.2772, 16.2254
YIQ	110.3340, -43.1840, -32.3680

Conversions

Conversions Part 2

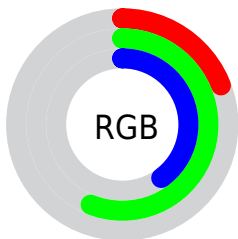
Format	Color
RYB	49, 109, 143
Decimal	3247975
CIELab	53.25, -37.38, 13.37
CIElCh	53, 39.699, 160.325
Yxy	21.2772, 0.2652, 0.4169
Android (android.graphics.Color)	4281438055 (0xFF318F67)
YUV	110.3340, -3.6157, -53.7899
Hunter-Lab	46.1272, -28.3369, 11.4336

Details

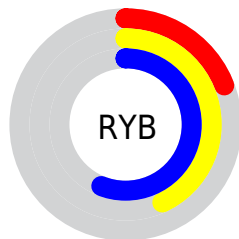
The Hex color **318F67** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F3159**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6AC59A**, and **005C38** is the 20% darker color. If you saturate the color by 10%, you get **238F61**, and if you desaturate by 10%, it is **3F8F6D**.

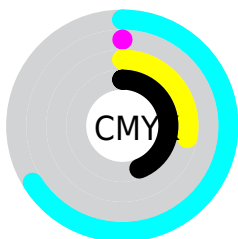
Distribution



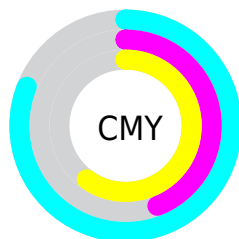
- Red (19%)
- Green (56%)
- Blue (40%)



- Red (19%)
- Yellow (43%)
- Blue (56%)



- Cyan (66%)
- Magenta (0%)
- Yellow (28%)
- Black (44%)



- Cyan (81%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318F67 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 318F67 by changing the saturation by 10% instead.



318F67



318F67

FFFFFF



0A754F



6AC59A



005C38



86E2B5



004322



A2FFD1



002C0D



BEFFED



001400



DBFFFF



000000



F9FFFF



318F67



318F67



238F61



3F8F6D

■ 148F5B

■ 4E8F73

■ 068F55

■ 5C8F79

■ 008F52

■ 6A8F7F

■ 798F85

■ 878F8C

■ 958F92

■ A38F98

■ B28F9E

Harmonies

Analogous

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



638A49



318F67



00918A

Triad

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



318F67



5C7FC2



BA6955

Complementary

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



318F67



8F3159

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.



C06375



318F67



9172B3

Square

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



318F67



0089BF



B26697



A6753E

Rectangle

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



318F67



0090A1



B26697



BE665F

Sweetspot

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



318F67



95BAAA



5A8F31



485E55



DEDEDE



5E5E5E

Same Dimension

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



318F67



27BA7C



31898F



404744



00874E



000804

Inverse Universe

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



8F3159



BA2766



8F3731



474043



87003A



080003

Previews

White Background



This preview shows how the Hex color 318F67 looks on a white background.

Color Contrast Check

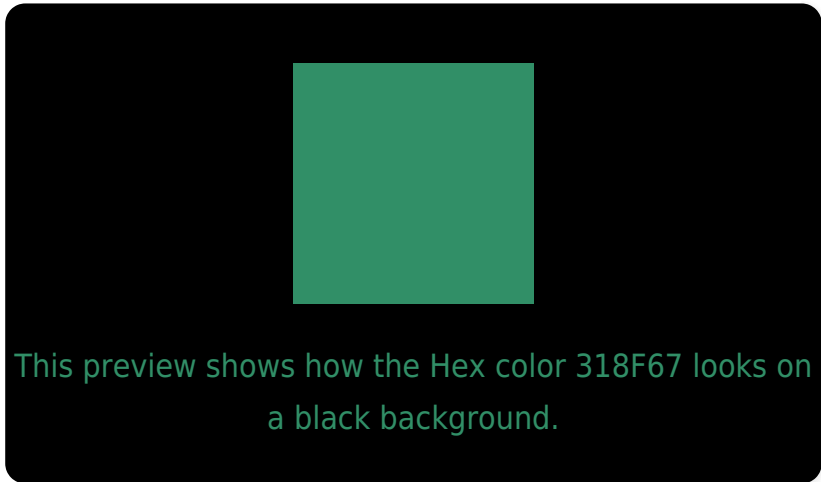
Large Text (above 18pt) WCAG AA ✓ Pass

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

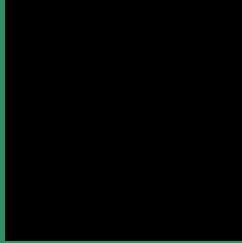
Any Text WCAG AA ✓ Pass

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 318F67 Background



This preview shows how black text looks on a background with the Hex color 318F67.

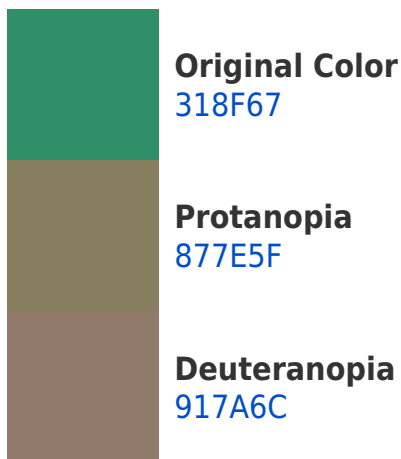


This preview shows how white text looks on a background with the Hex color 318F67.

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
428994

Trichromacy



Original Color
318F67

Protanomaly
688462

Deuteranomaly
6E826A

Tritanomaly
3C8B84

Monochromacy



Original Color
318F67

Achromatopsia
6E6E6E

Achromatomaly
587A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 318F67 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 #318F67 looks like.

```
.text, #text, p{  
    color:#318F67  
}
```

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 #318F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318F67
}
```

Border

The CSS property to change the border of an element to Hex 318F67 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
#318F67 }
```

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

```
.border{ border-color:#318F67 }
```

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

Here you see how a box with a 4 pixel #318F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318F67; -webkit-box-shadow:4px 4px  
4px 4px #318F67; box-shadow:4px 4px 4px  
4px #318F67 }
```

Background

The CSS property to change the background color of an element to Hex 318F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318F67 }
```

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

```
.background{ background-color:#318F67 }
```

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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