

Converting Colors

Hex(318147)

Have a look what the booklet for
Hex(318147) contains.

Hex(318147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(318147)

Conversions

Conversions Part 1

Format	Color
Hex	318147
RGB	49, 129, 71
RGB Percent	19%, 51%, 28%
CMY	0.8078, 0.4941, 0.7216
CMYK	0.62, 0.00, 0.45, 0.49
HSL	136°, 45%, 35%
HSV	136°, 62%, 51%
XYZ	10.2542, 16.8084, 8.6651
YIQ	98.4680, -29.0620, -34.9980

Conversions

Conversions Part 2

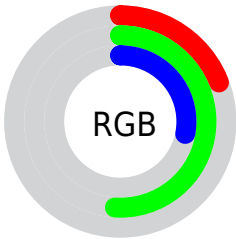
Format	Color
RYB	49, 112, 129
Decimal	3244359
CIELab	48.02, -37.91, 24.35
CIElCh	48, 45.058, 147.290
Yxy	16.8084, 0.2870, 0.4705
Android (android.graphics.Color)	4281434439 (0xFF318147)
YUV	98.4680, -13.5417, -43.3834
Hunter-Lab	40.9981, -27.1012, 16.1674

Details

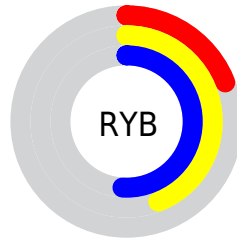
The Hex color **318147** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81316B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68B778**, and **004F1A** is the 20% darker color. If you saturate the color by 10%, you get **24813E**, and if you desaturate by 10%, it is **3E8150**.

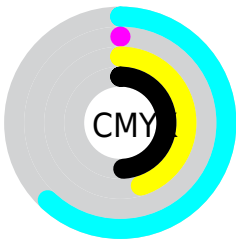
Distribution



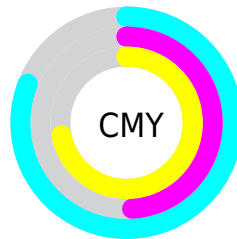
- Red (19%)
- Green (51%)
- Blue (28%)



- Red (19%)
- Yellow (44%)
- Blue (51%)



- Cyan (62%)
- Magenta (0%)
- Yellow (45%)
- Black (49%)




- Cyan (81%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318147 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 318147 by changing the saturation by 10% instead.

 318147

 318147

FFFFFF

 106730

 68B778

 004F1A

 83D392

 003701

 9EEFAD


 002300

 BAFFC8

 000000

 D7FFE5

 F4FFFF

 318147

 318147

 24813E

 3E8150

■ 178134

■ 4B815A

■ 0A812B

■ 588163

■ 008123

■ 65816C

■ 728176

■ 7E817F

■ 8B8188

■ 988192

■ A5819B

Harmonies

Analogous

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



647A2A



318147



00846D

Triad

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



318147



0077BE



B65351

Complementary

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



318147



81316B

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.



B55077



318147



6D69B6

Square

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



318147



0080B1



9D5A9C



A66032

Rectangle

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



318147



008587



9D5A9C



B8515D

Sweetspot

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



318147



88A891



6C8131



415446



D4D4D4



545454

Same Dimension

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



318147



2CA84E



31816E



39403B



008023



000000

Inverse Universe

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



81316B



A82C86



813144



40393E



80005C



000000

Previews

White Background



This preview shows how the Hex color 318147 looks on a white background.

Color Contrast Check

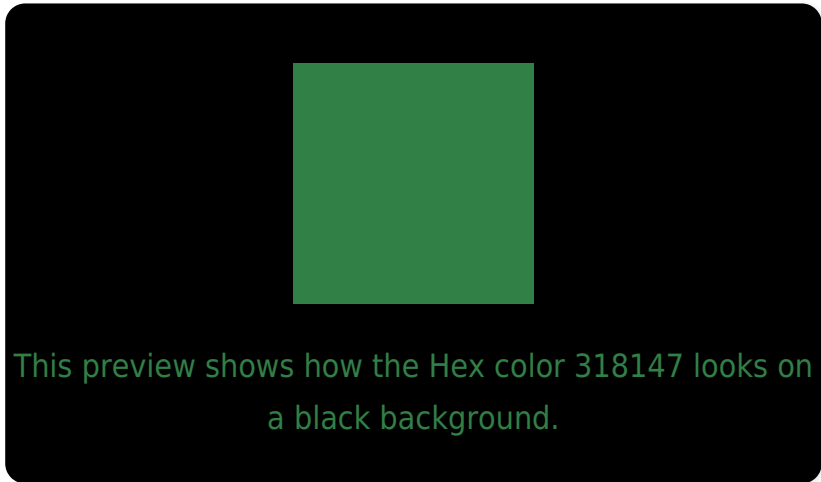
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 318147 Background



This preview shows how black text looks on a background with the Hex color 318147.



This preview shows how white text looks on a background with the Hex color 318147.

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
318147

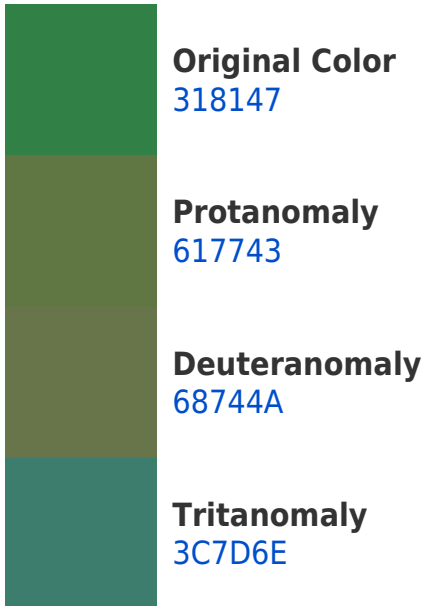
Protanopia
7C7141

Deuteranopia
886C4C

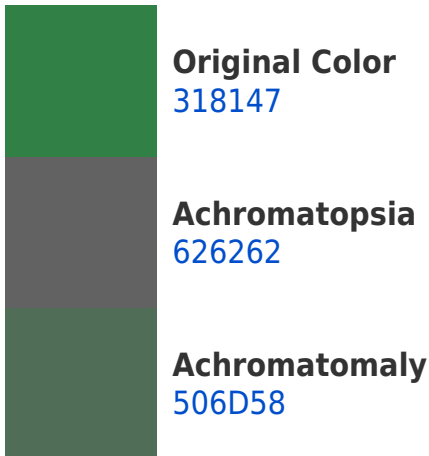


Tritanopia
437A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 318147 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 #318147 looks like.

```
.text, #text, p{  
    color:#318147  
}
```

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 #318147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318147
}
```

Border

The CSS property to change the border of an element to Hex 318147 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
#318147 }
```

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

```
.border{ border-color:#318147 }
```

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

Here you see how a box with a 4 pixel #318147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318147; -webkit-box-shadow:4px 4px  
4px 4px #318147; box-shadow:4px 4px 4px  
4px #318147 }
```

Background

The CSS property to change the background color of an element to Hex 318147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318147 }
```

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

```
.background{ background-color:#318147 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor