

Converting Colors

Hex(318152)

Have a look what the booklet for
Hex(318152) contains.

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Color

Hex(318152)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 318152 |
| RGB | 49, 129, 82 |
| RGB Percent | 19%, 51%, 32% |
| CMY | 0.8078, 0.4941, 0.6784 |
| CMYK | 0.62, 0.00, 0.36, 0.49 |
| HSL | 145°, 45%, 35% |
| HSV | 145°, 62%, 51% |
| XYZ | 10.6399, 16.9627, 10.6960 |
| YIQ | 99.7220, -32.5930, -31.5770 |

Conversions

Conversions Part 2

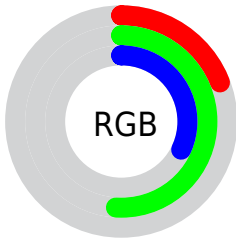
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 49, 106, 129 |
| Decimal | 3244370 |
| CIELab | 48.21, -35.81, 18.43 |
| CIElCh | 48, 40.271, 152.765 |
| Yxy | 16.9627, 0.2778, 0.4429 |
| Android (android.graphics.Color) | 4281434450 (0xFF318152) |
| YUV | 99.7220, -8.7369, -44.4832 |
| Hunter-Lab | 41.1858, -25.9617, 13.4324 |

Details

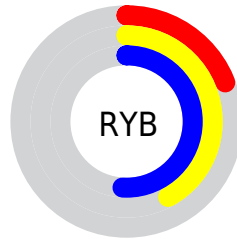
The Hex color **318152** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **813160**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67B784**, and **004F24** is the 20% darker color. If you saturate the color by 10%, you get **24814A**, and if you desaturate by 10%, it is **3E815A**.

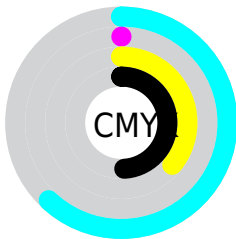
Distribution



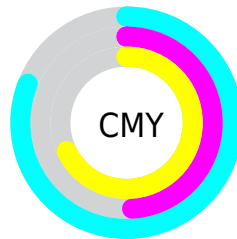
- Red (19%)
- Green (51%)
- Blue (32%)



- Red (19%)
- Yellow (42%)
- Blue (51%)



- Cyan (62%)
- Magenta (0%)
- Yellow (36%)
- Black (49%)




- Cyan (81%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318152 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 318152 by changing the saturation by 10% instead.


 318152

 318152


FFFFFF

 10673B

 67B784

 004F24

 82D29E

 00370F

 9EEFB9


 002300

 BAFFD5

 000000

 D7FFF1

 F4FFFF

 318152

 318152

 24814A

 3E815A

■ 178143

■ 4B8161

■ 0A813B

■ 588169

■ 008135

■ 658170

■ 728178

■ 7E817F

■ 8B8187

■ 98818F

■ A58196

Harmonies

Analogous

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



607B37



318152



008375

Triad

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



318152



3875B6



AF5A50

Complementary

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



318152



813160

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.



B05571



318152



7968AC

Square

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



318152



007EAE



9F5B92



9F6536

Rectangle

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



318152



00838C



9F5B92



B2575A

Sweetspot

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



318152



88A896



618131



415449



D4D4D4



545454

Same Dimension

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



318152



2CA85F



318179



39403C



008035



000000

Inverse Universe

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



813160



A82C75



813139



40393D



80004B



000000

Previews

White Background



This preview shows how the Hex color 318152 looks on a white background.

Color Contrast Check

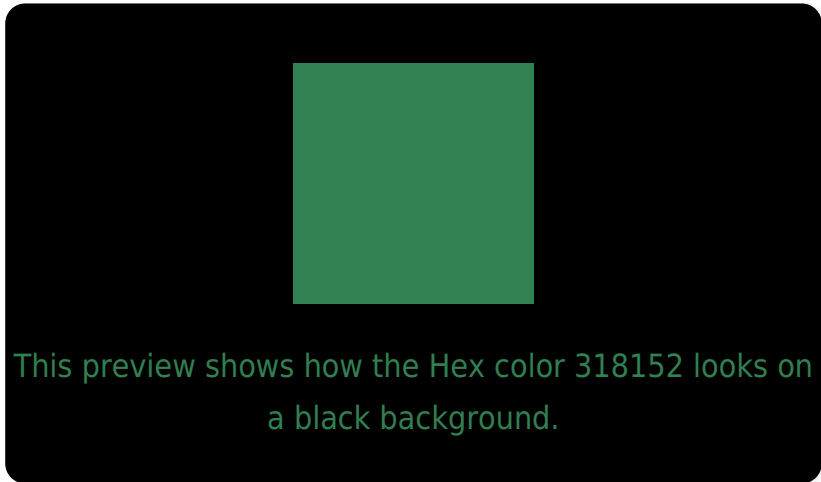
Large Text (above 18pt) WCAG AA ✓ Pass

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 318152 Background



This preview shows how black text looks on a background with the Hex color 318152.

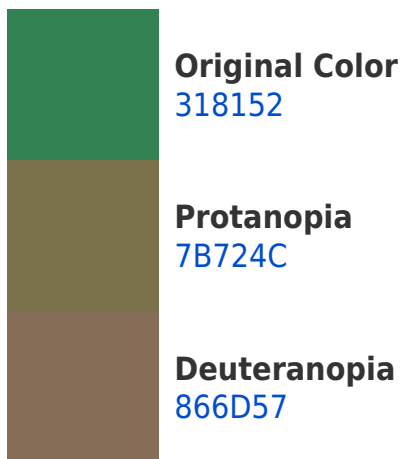


This preview shows how white text looks on a background with the Hex color 318152.

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
417B85

Trichromacy



Original Color
318152

Protanomaly
60774E

Deuteranomaly
677455

Tritanomaly
3B7D72

Monochromacy



Original Color
318152

Achromatopsia
646464

Achromatomaly
516F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 318152 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 #318152 looks like.

```
.text, #text, p{  
    color:#318152  
}
```

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 #318152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318152
}
```

Border

The CSS property to change the border of an element to Hex 318152 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
#318152 }
```

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

```
.border{ border-color:#318152 }
```

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

Here you see how a box with a 4 pixel #318152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318152; -webkit-box-shadow:4px 4px  
4px 4px #318152; box-shadow:4px 4px 4px  
4px #318152 }
```

Background

The CSS property to change the background color of an element to Hex 318152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318152 }
```

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

```
.background{ background-color:#318152 }
```

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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