

# Converting Colors

Hex(318369)

Have a look what the booklet for  
Hex(318369) contains.

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# Color

Hex(318369)

# Conversions

## Conversions Part 1

Format	Color
Hex	318369
RGB	49, 131, 105
RGB Percent	19%, 51%, 41%
CMY	0.8078, 0.4863, 0.5882
CMYK	0.63, 0.00, 0.20, 0.49
HSL	161°, 46%, 35%
HSV	161°, 63%, 51%
XYZ	11.9327, 17.9055, 16.1918
YIQ	103.5180, -40.5260, -25.4700

# Conversions

## Conversions Part 2

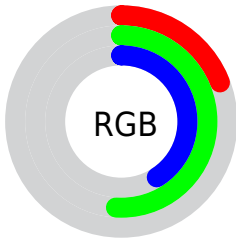
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 98, 131
Decimal	3244905
CIELab	49.38, -31.45, 6.77
CIELCh	49, 32.172, 167.859
Yxy	17.9055, 0.2592, 0.3890
Android (android.graphics.Color)	4281434985 (0xFF318369)
YUV	103.5180, 0.7306, -47.8123
Hunter-Lab	42.3149, -23.7143, 6.9331




# Details

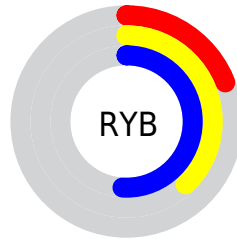
The Hex color **318369** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83314B**, and the grayscale version is **686868**.




A 20% lighter version of the original color is **68B99C**, and **00513A** is the 20% darker color. If you saturate the color by 10%, you get **248365**, and if you desaturate by 10%, it is **3E836D**.

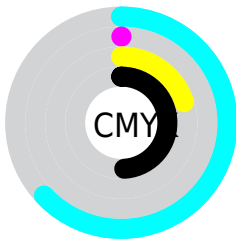
# Distribution







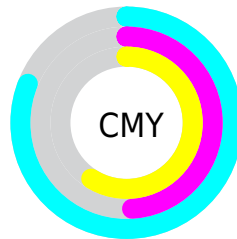
-  Red (19%)
-  Green (51%)
-  Blue (41%)






-  Red (19%)
-  Yellow (38%)
-  Blue (51%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (49%)




-  Cyan (81%)
-  Magenta (49%)
-  Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 318369 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 318369 by changing the saturation by 10% instead.



 318369

 318369

FFFFFF

 0F6951


 68B99C

 00513A

 83D4B7

 003924

 9FF1D3


 00240F

 BBFFE F

 000000

 D8FFF F

 F5FFF F

 318369

 318369

 248365

 3E836D

■ 178361

■ 4B8371

■ 0A835D

■ 588375

■ 008359

■ 65837A

■ 72837E

■ 808382

■ 8D8386

■ 9A838A

■ A7838E

# Harmonies

## Analogous

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



577F50



318369



008485

# Triad

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



318369



6772A9



A3664E

# Complementary

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



318369



83314B

# 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.



AA6066



318369



8C689A

# Square

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



318369



347BAA



A36182



907040

# Rectangle

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



318369



008296



A36182



A76455



# Sweetspot

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



318369



8AABA1



4C8331



435750



D6D6D6



575757



# Same Dimension

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



318369



2BAB82



317583



3C4240



008259



000302



# Inverse Universe

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



83314B



AB2B53



833F31



423C3E



820029



030001



# Previews

## White Background



This preview shows how the Hex color 318369 looks on a white background.

## Color Contrast Check

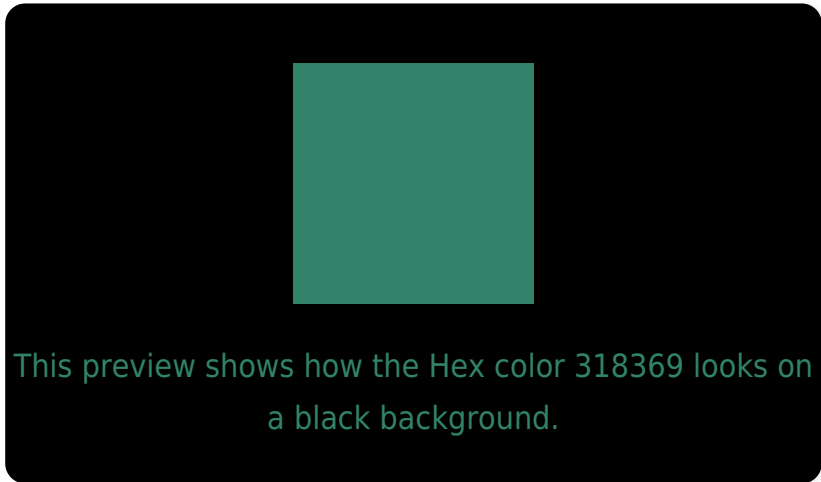
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

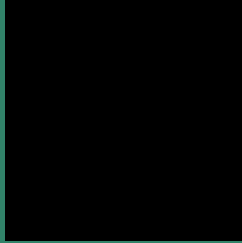
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 318369 Background



This preview shows how black text looks on a background with the Hex color 318369.

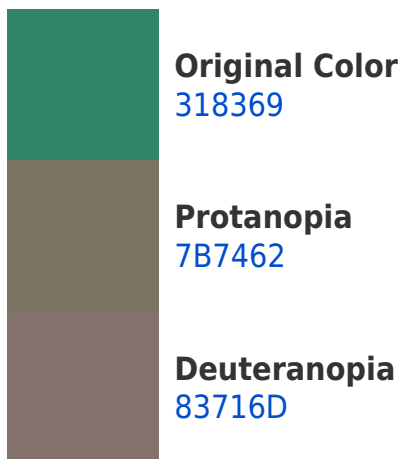


This preview shows how white text looks on a background with the Hex color 318369.

# 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



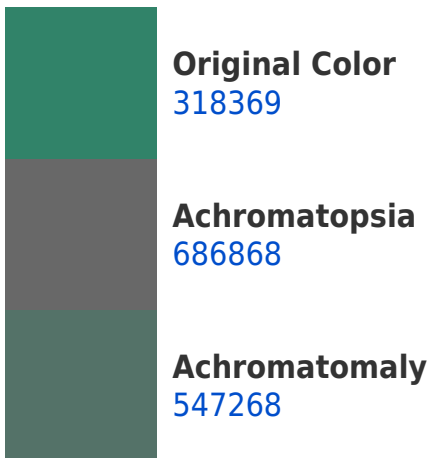


**Tritanopia**  
3D7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 318369 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 #318369 looks like.

```
.text, #text, p{  
    color:#318369  
}
```

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 #318369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318369
}
```

## Border

The CSS property to change the border of an element to Hex 318369 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
#318369 }
```

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

```
.border{ border-color:#318369 }
```

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

Here you see how a box with a 4 pixel #318369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318369; -webkit-box-shadow:4px 4px  
4px 4px #318369; box-shadow:4px 4px 4px  
4px #318369 }
```

# Background

The CSS property to change the background color of an element to Hex 318369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318369 }
```

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

```
.background{ background-color:#318369 }
```

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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