

Converting Colors

Hex(319370)

Have a look what the booklet for
Hex(319370) contains.

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Color

Hex(319370)

Conversions

Conversions Part 1

Format	Color
Hex	319370
RGB	49, 147, 112
RGB Percent	19%, 58%, 44%
CMY	0.8078, 0.4235, 0.5608
CMYK	0.67, 0.00, 0.24, 0.42
HSL	159°, 50%, 38%
HSV	159°, 67%, 58%
XYZ	14.6250, 22.6903, 18.9381
YIQ	113.7080, -47.1730, -31.6610

Conversions

Conversions Part 2

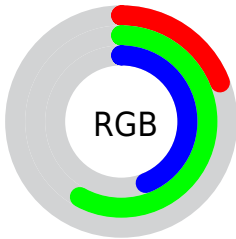
Format	Color
R _Y B	49, 109, 147
Decimal	3249008
CIE Lab	54.75, -37.03, 10.35
CIE LCh	55, 38.452, 164.392
Yxy	22.6903, 0.2600, 0.4034
Android (android.graphics.Color)	4281439088 (0xFF319370)
YUV	113.7080, -0.8420, -56.7489
Hunter-Lab	47.6343, -28.5558, 9.7719

Details

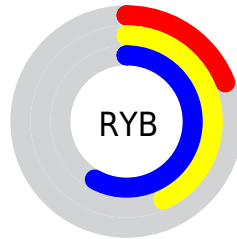
The Hex color **319370** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **933154**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6BCAA4**, and **005F40** is the 20% darker color. If you saturate the color by 10%, you get **22936B**, and if you desaturate by 10%, it is **409375**.

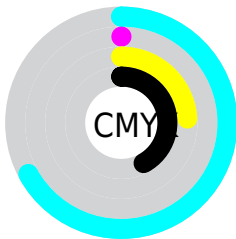
Distribution



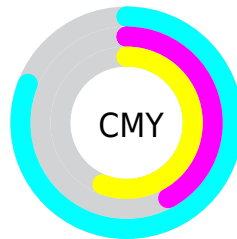
- Red (19%)
- Green (58%)
- Blue (44%)



- Red (19%)
- Yellow (43%)
- Blue (58%)



- Cyan (67%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)





- Cyan (81%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319370 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 319370 by changing the saturation by 10% instead.

 319370

 319370

FFFFFF

 077958

 6BCAA4

 005F40

 87E6BF

 00472A

 A3FFDB

 003015


 C0FFF7


 001900

 DDFFFF

 000000

 FAFFFF

 319370

 319370

 22936B

 409375

■ 149365

■ 4E937A

■ 059360

■ 5D9380

■ 00935E

■ 6C9385

■ 7B938A

■ 89938F

■ 989395

■ A7939A

■ B5939F

Harmonies

Analogous

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



638E52



319370



009492

Triad

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



319370



6A81C3



BB6F56

Complementary

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



319370



933154

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.



C26874



319370



9A74B3

Square

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



319370



178BC3



B86A96



A67B42

Rectangle

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



319370



0093A8



B86A96



BF6C5F

Sweetspot

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



319370



99BFB2



559331



4A6159



E0E0E0



616161

Same Dimension

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



319370



26BF89



318693



434A47



008A59



000A07

Inverse Universe

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



933154



BF265D



933E31



4A4345



8A0031



0A0004

Previews

White Background



This preview shows how the Hex color 319370 looks on a white background.

Color Contrast Check

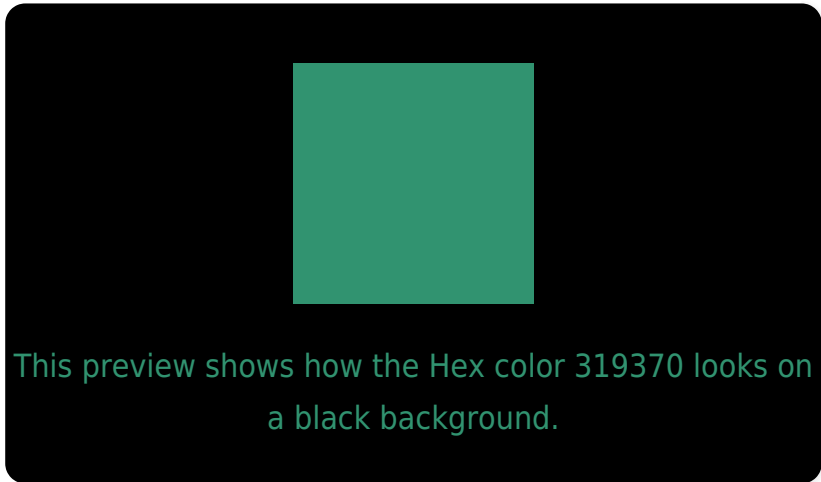
Large Text (above 18pt) WCAG AA ✓ Pass

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

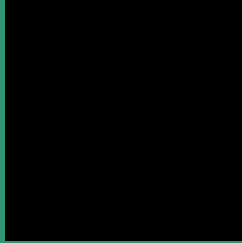
Any Text WCAG AA ✓ Pass

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 319370 Background



This preview shows how black text looks on a background with the Hex color 319370.

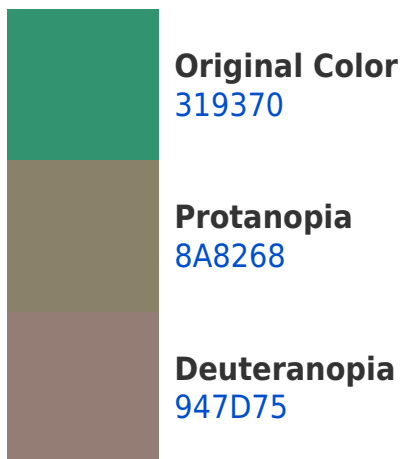


This preview shows how white text looks on a background with the Hex color 319370.

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
418E99

Trichromacy



Original Color
319370

Protanomaly
6A886B

Deuteranomaly
708573

Tritanomaly
3B908A

Monochromacy



Original Color
319370

Achromatopsia
727272

Achromatomaly
5A7E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 319370 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 #319370 looks like.

```
.text, #text, p{  
    color:#319370  
}
```

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 #319370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319370
}
```

Border

The CSS property to change the border of an element to Hex 319370 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
#319370 }
```

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

```
.border{ border-color:#319370 }
```

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

Here you see how a box with a 4 pixel #319370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319370; -webkit-box-shadow:4px 4px  
4px 4px #319370; box-shadow:4px 4px 4px  
4px #319370 }
```

Background

The CSS property to change the background color of an element to Hex 319370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319370 }
```

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

```
.background{ background-color:#319370 }
```

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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