

Converting Colors

Hex(318472)

Have a look what the booklet for
Hex(318472) contains.

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Color

Hex(318472)

Conversions

Conversions Part 1

Format	Color
Hex	318472
RGB	49, 132, 114
RGB Percent	19%, 52%, 45%
CMY	0.8078, 0.4824, 0.5529
CMYK	0.63, 0.00, 0.14, 0.48
HSL	167°, 46%, 35%
HSV	167°, 63%, 52%
XYZ	12.5551, 18.3704, 18.8037
YIQ	105.1310, -43.6900, -23.1940

Conversions

Conversions Part 2

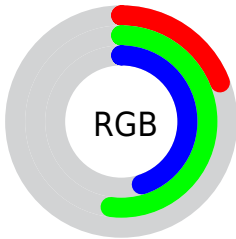
Format	Color
RYB	49, 96, 132
Decimal	3245170
CIELab	49.94, -29.59, 2.32
CIElCh	50, 29.682, 175.521
Yxy	18.3704, 0.2525, 0.3694
Android (android.graphics.Color)	4281435250 (0xFF318472)
YUV	105.1310, 4.3724, -49.2269
Hunter-Lab	42.8607, -22.7184, 3.9910

Details

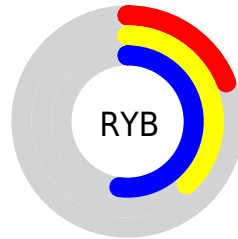
The Hex color **318472** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **843143**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **69BAA6**, and **005242** is the 20% darker color. If you saturate the color by 10%, you get **24846F**, and if you desaturate by 10%, it is **3E8475**.

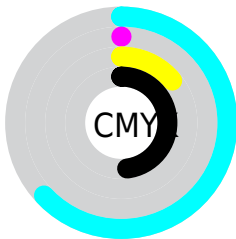
Distribution



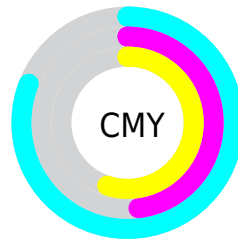
- Red (19%)
- Green (52%)
- Blue (45%)



- Red (19%)
- Yellow (38%)
- Blue (52%)



- Cyan (63%)
- Magenta (0%)
- Yellow (14%)
- Black (48%)




- Cyan (81%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318472 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 318472 by changing the saturation by 10% instead.

 318472

 318472

FFFFFF

 0E6A5A

 69BAA6

 005242

 84D5C1

 003A2C

 A0F2DD


 002518

 BCFFF9

 000000

 D9FFFF

 F6FFFF

 318472

 318472

 24846F

 3E8475

■ 17846C

■ 4B8478

■ 098469

■ 59847B

■ 008467

■ 66847D

■ 738480

■ 808483

■ 8D8486

■ 9B8489

■ A8848C

Harmonies

Analogous

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



548159



318472



02848C

Triad

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



318472



7472A4



9E6B4E

Complementary

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



318472



843143

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.



A86462



318472



936994

Square

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



318472



4B7AA9



A4637C



8B7444

Rectangle

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



318472



05829A



A4637C



A26954

Sweetspot

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



318472



8AABA4



448431



435752



D6D6D6



575757

Same Dimension

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



318472



2BAB8F



316E84



3C4241



008266



000302

Inverse Universe

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



843143



AB2B47



844731



423C3D



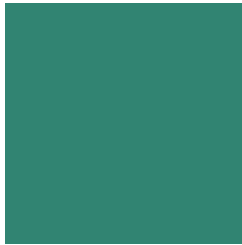
82001C



030001

Previews

White Background



This preview shows how the Hex color 318472 looks on a white background.

Color Contrast Check

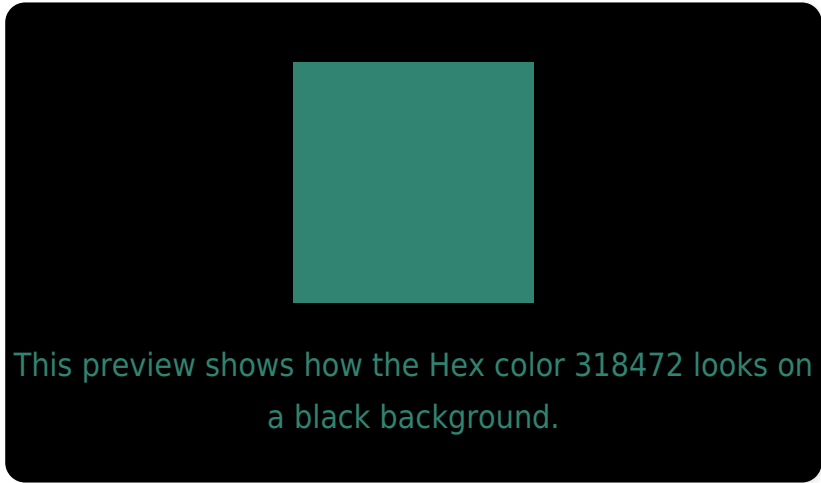
Large Text (above 18pt) WCAG AA ✓ Pass

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

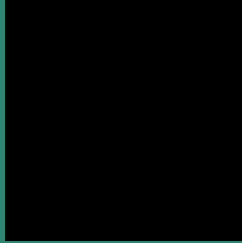
Any Text WCAG AA ✓ Pass

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 318472 Background



This preview shows how black text looks on a background with the Hex color 318472.

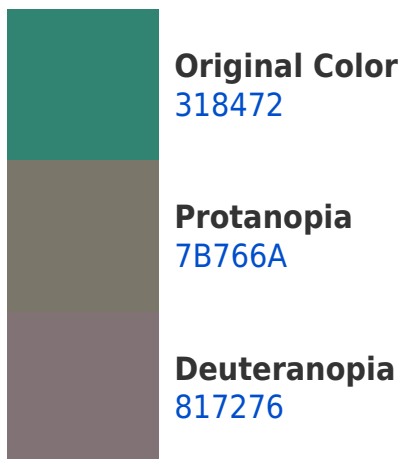


This preview shows how white text looks on a background with the Hex color 318472.

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
3B808B

Trichromacy



Original Color
318472

Protanomaly
607B6D

Deuteranomaly
647975

Tritanomaly
378182

Monochromacy



Original Color
318472

Achromatopsia
696969

Achromatomaly
55736C

CSS Examples

Text

The CSS property to change the color of the text to Hex 318472 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 #318472 looks like.

```
.text, #text, p{  
    color:#318472  
}
```

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 #318472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318472
}
```

Border

The CSS property to change the border of an element to Hex 318472 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
#318472 }
```

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

```
.border{ border-color:#318472 }
```

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

Here you see how a box with a 4 pixel #318472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318472; -webkit-box-shadow:4px 4px  
4px 4px #318472; box-shadow:4px 4px 4px  
4px #318472 }
```

Background

The CSS property to change the background color of an element to Hex 318472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318472 }
```

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

```
.background{ background-color:#318472 }
```

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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