

Converting Colors

Hex(318674)

Have a look what the booklet for
Hex(318674) contains.

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Color

Hex(318674)

Conversions

Conversions Part 1

Format	Color
Hex	318674
RGB	49, 134, 116
RGB Percent	19%, 53%, 45%
CMY	0.8078, 0.4745, 0.5451
CMYK	0.63, 0.00, 0.13, 0.47
HSL	167°, 46%, 36%
HSV	167°, 63%, 53%
XYZ	12.9441, 18.9641, 19.5012
YIQ	106.5330, -44.8820, -23.6180

Conversions

Conversions Part 2

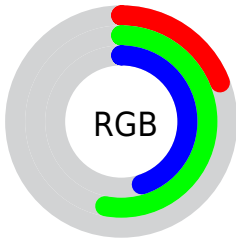
Format	Color
RYB	49, 97, 134
Decimal	3245684
CIELab	50.65, -30.02, 2.17
CIELCh	51, 30.097, 175.867
Yxy	18.9641, 0.2518, 0.3689
Android (android.graphics.Color)	4281435764 (0xFF318674)
YUV	106.5330, 4.6672, -50.4564
Hunter-Lab	43.5478, -23.1515, 3.9327

Details

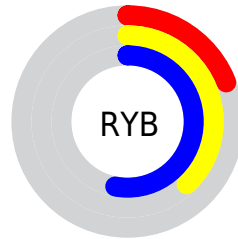
The Hex color **318674** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **863143**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **69BCA8**, and **005444** is the 20% darker color. If you saturate the color by 10%, you get **248671**, and if you desaturate by 10%, it is **3E8677**.

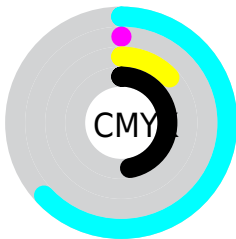
Distribution



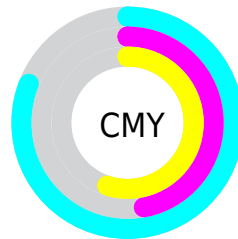
- Red (19%)
- Green (53%)
- Blue (45%)



- Red (19%)
- Yellow (38%)
- Blue (53%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)




- Cyan (81%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318674 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 318674 by changing the saturation by 10% instead.

 318674

 318674

FFFFFF

 0D6C5B

 69BCA8

 005444

 84D8C3

 003C2E

 A0F4DF

 002619


 BDFFFC

 000400

 D9FFFF

 000000

 F7FFFF

 318674

 318674

 248671

 3E8677

■ 16866E

■ 4C867A

■ 09866B

■ 59867D

■ 00866A

■ 67867F

■ 748682

■ 818685

■ 8F8688

■ 9C868B

■ AA868E

Harmonies

Analogous

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



54835B



318674



00868E

Triad

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



318674



7673A7



A06D4F

Complementary

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



318674



863143

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.



AA6664



318674



966A96

Square

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



318674



4C7CAB



A7657D



8D7645

Rectangle

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



318674



04849D



A7657D



A56A55

Sweetspot

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



318674



8CADA6



438631



435752



D6D6D6



575757

Same Dimension

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



318674



2AAD91



316E86



3C4241



008267



000302

Inverse Universe

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



863143



AD2A46



864931



423C3D



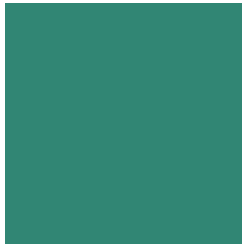
82001C



030001

Previews

White Background



This preview shows how the Hex color 318674 looks on a white background.

Color Contrast Check

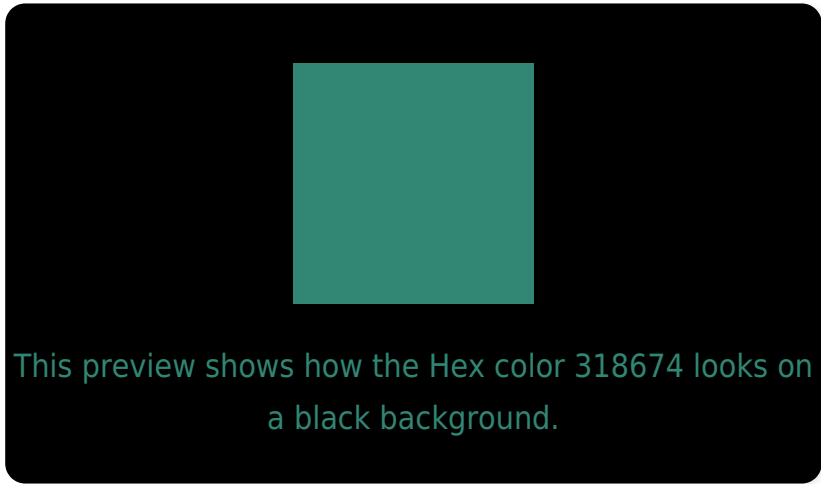
Large Text (above 18pt) WCAG AA ✓ Pass

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

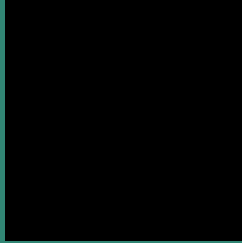
Any Text WCAG AA ✓ Pass

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 318674 Background



This preview shows how black text looks on a background with the Hex color 318674.

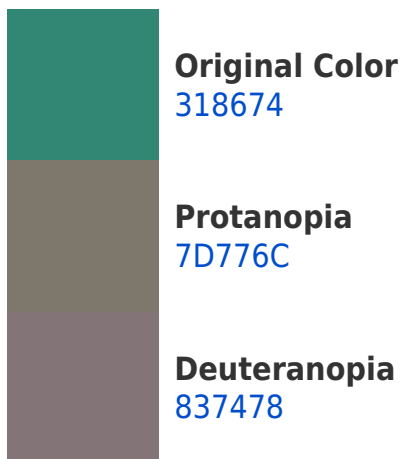


This preview shows how white text looks on a background with the Hex color 318674.

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
3B828D

Trichromacy



Original Color
318674

Protanomaly
617C6F

Deuteranomaly
657B77

Tritanomaly
378384

Monochromacy



Original Color
318674

Achromatopsia
6B6B6B

Achromatomaly
56756E

CSS Examples

Text

The CSS property to change the color of the text to Hex 318674 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 #318674 looks like.

```
.text, #text, p{  
    color:#318674  
}
```

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 #318674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318674
}
```

Border

The CSS property to change the border of an element to Hex 318674 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
#318674 }
```

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

```
.border{ border-color:#318674 }
```

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

Here you see how a box with a 4 pixel #318674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318674; -webkit-box-shadow:4px 4px  
4px 4px #318674; box-shadow:4px 4px 4px  
4px #318674 }
```

Background

The CSS property to change the background color of an element to Hex 318674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318674 }
```

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

```
.background{ background-color:#318674 }
```

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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