

Converting Colors

Hex(318B74)

Have a look what the booklet for
Hex(318B74) contains.

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Color

Hex(318B74)

Conversions

Conversions Part 1

Format	Color
Hex	318B74
RGB	49, 139, 116
RGB Percent	19%, 55%, 45%
CMY	0.8078, 0.4549, 0.5451
CMYK	0.65, 0.00, 0.17, 0.45
HSL	165°, 48%, 37%
HSV	165°, 65%, 55%
XYZ	13.6516, 20.3792, 19.7371
YIQ	109.4680, -46.2570, -26.2330

Conversions

Conversions Part 2

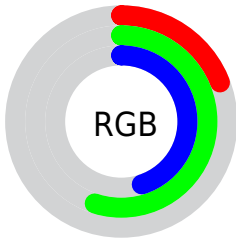
Format	Color
RYB	49, 101, 139
Decimal	3246964
CIELab	52.26, -32.39, 4.51
CIELCh	52, 32.700, 172.079
Yxy	20.3792, 0.2539, 0.3790
Android (android.graphics.Color)	4281437044 (0xFF318B74)
YUV	109.4680, 3.2203, -53.0304
Hunter-Lab	45.1433, -25.0212, 5.6782

Details

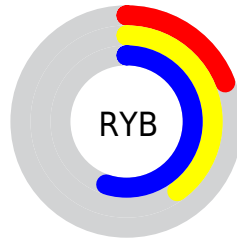
The Hex color **318B74** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B3148**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6AC1A8**, and **005844** is the 20% darker color. If you saturate the color by 10%, you get **238B70**, and if you desaturate by 10%, it is **3F8B78**.

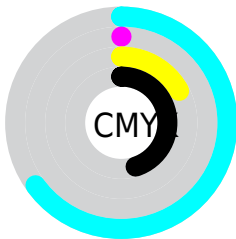
Distribution



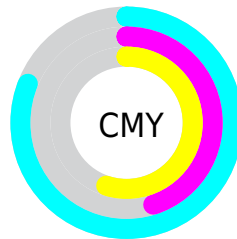
- Red (19%)
- Green (55%)
- Blue (45%)



- Red (19%)
- Yellow (40%)
- Blue (55%)



- Cyan (65%)
- Magenta (0%)
- Yellow (17%)
- Black (45%)




- Cyan (81%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318B74 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 318B74 by changing the saturation by 10% instead.

 318B74

 318B74

FFFFFF

 0B715B

 6AC1A8

 005844

 85DDC3

 00402E

 A1FADF

 002A19


 BEFFFC


 000F00

 DBFFFF

 000000

 F8FFFF

 318B74

 318B74

 238B70

 3F8B78

■ 158B6D

■ 4D8B7B

■ 078B69

■ 5B8B7F

■ 008B67

■ 698B82

■ 768B86

■ 848B89

■ 928B8D

■ A08B90

■ AE8B94

Harmonies

Analogous

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



598859



318B74



008B91

Triad

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



318B74



7578B1



A96F51

Complementary

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



318B74



8B3148

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.



B36869



318B74



996E9F

Square

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



318B74



4382B4



AE6785



957845

Rectangle

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



318B74



008AA1



AE6785



AE6C58

Sweetspot

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



318B74



93B5AC



498B31



475C56



DBDBDB



5C5C5C

Same Dimension

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



318B74



28B591



31768B



3E4543



008563



000504

Inverse Universe

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



8B3148



B5284C



8B4631



453E40



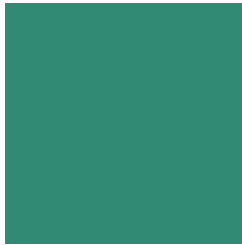
850022



050001

Previews

White Background



This preview shows how the Hex color 318B74 looks on a white background.

Color Contrast Check

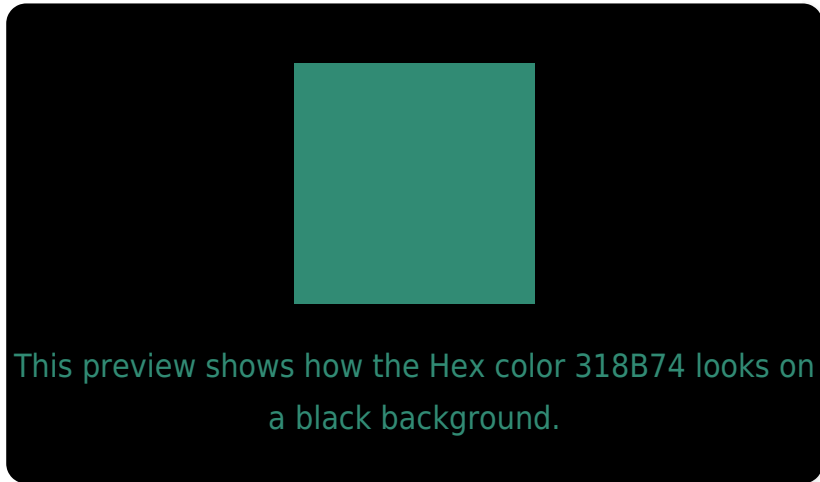
Large Text (above 18pt) WCAG AA ✓ Pass

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

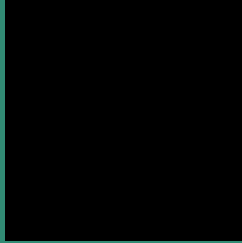
Any Text WCAG AA ✓ Pass

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 318B74 Background



This preview shows how black text looks on a background with the Hex color 318B74.

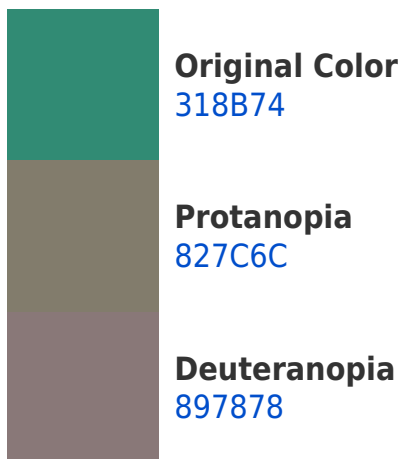


This preview shows how white text looks on a background with the Hex color 318B74.

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
3D8792

Trichromacy



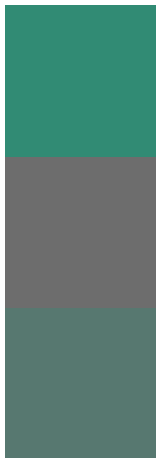
Original Color
318B74

Protanomaly
65816F

Deuteranomaly
697F77

Tritanomaly
398887

Monochromacy



Original Color
318B74

Achromatopsia
6D6D6D

Achromatomaly
577870

CSS Examples

Text

The CSS property to change the color of the text to Hex 318B74 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 #318B74 looks like.

```
.text, #text, p{  
    color:#318B74  
}
```

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 #318B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318B74
}
```

Border

The CSS property to change the border of an element to Hex 318B74 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
#318B74 }
```

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

```
.border{ border-color:#318B74 }
```

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

Here you see how a box with a 4 pixel #318B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318B74; -webkit-box-shadow:4px 4px  
4px 4px #318B74; box-shadow:4px 4px 4px  
4px #318B74 }
```

Background

The CSS property to change the background color of an element to Hex 318B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318B74 }
```

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

```
.background{ background-color:#318B74 }
```

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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