

# Converting Colors

Hex(318ABA)

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

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# Color

**Hex(318ABA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	318ABA
RGB	49, 138, 186
RGB Percent	19%, 54%, 73%
CMY	0.8078, 0.4588, 0.2706
CMYK	0.74, 0.26, 0.00, 0.27
HSL	201°, 58%, 46%
HSV	201°, 74%, 73%
XYZ	19.2180, 22.3751, 49.7603
YIQ	116.8610, -68.4520, -3.9400

# Conversions

## Conversions Part 2

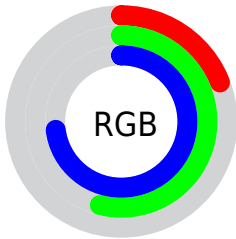
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 103, 186
Decimal	3246778
CIE <sub>Lab</sub>	54.42, -10.08, -32.63
CIE <sub>LCh</sub>	54, 34.156, 252.838
Yxy	22.3751, 0.2104, 0.2449
Android (android.graphics.Color)	4281436858 (0xFF318ABA)
YUV	116.8610, 34.0855, -59.5141
Hunter-Lab	47.3023, -10.2579, -29.2593

# Details

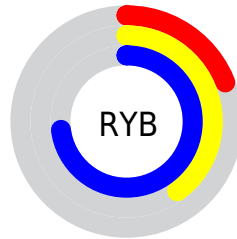
The Hex color **318ABA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BA6131**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **71BFF2**, and **005885** is the 20% darker color. If you saturate the color by 10%, you get **1E83BA**, and if you desaturate by 10%, it is **4491BA**.

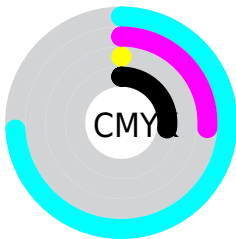
# Distribution



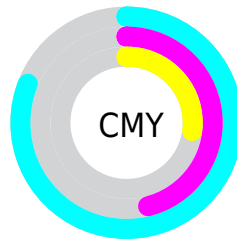
- Red (19%)
- Green (54%)
- Blue (73%)



- Red (19%)
- Yellow (40%)
- Blue (73%)



- Cyan (74%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)




- Cyan (81%)
- Magenta (46%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 318ABA

 318ABA

FFFFFF

 00719F

 71BFF2

 005885

 8FDBFF

 00416B

 ACF8FF

 002B53

 CAFFFF

 00173B

 E7FFFF

 000225

 00010E

 000000

 318ABA

 318ABA

■ 1E83BA

■ 4491BA

■ 0C7DBA

■ 5697BA

■ 0079BA

■ 699EBA

■ 7BA4BA

■ 8EABBA

■ A1B1BA

■ B3B8BA

■ C6BEBA

■ D8C5BA

# Harmonies

## Analogous

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



0090A9



318ABA



6B81BC

# Triad

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



318ABA



BB6B76



688C56

# Complementary

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



318ABA



BA6131

# 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.



898447



318ABA



B6715B

# Square

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



318ABA



B16D94



A37B4A



419170

# Rectangle

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



318ABA



8979B4



A37B4A



738A4F



# Sweetspot

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



318ABA



BDE0F2



31BA61



5B6F7A



FAFAFA



7A7A7A



# Same Dimension

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



318ABA



1DA8F2



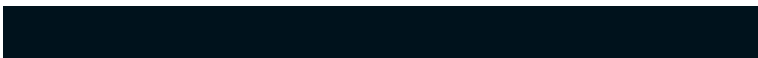
3146BA



53595C



00659C



00121C



# Inverse Universe

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



BA318A



F21DA8



BAA531



5C5359



9C0065



1C0012



# Previews

## White Background



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

## Color Contrast Check

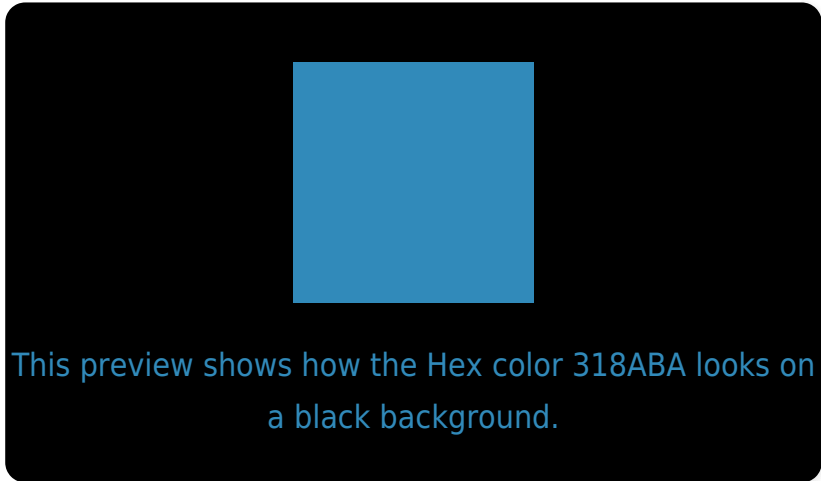
Large Text (above 18pt) WCAG AA ✓ Pass

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 318ABA Background



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

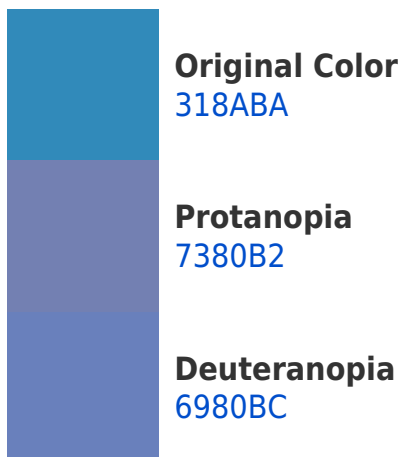


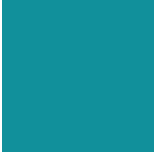
This preview shows how white text looks on a background with the Hex color 318ABA.

# 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](#).

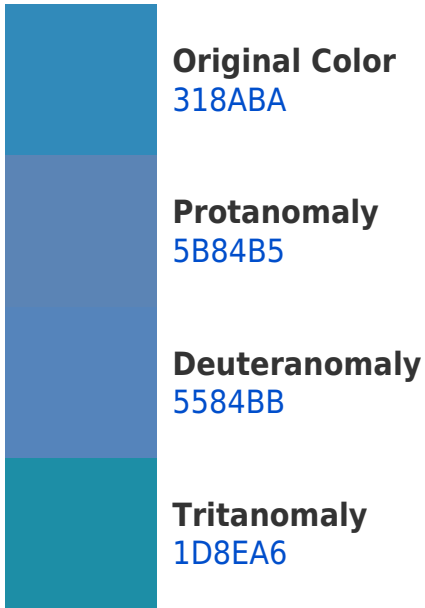
## Dichromacy



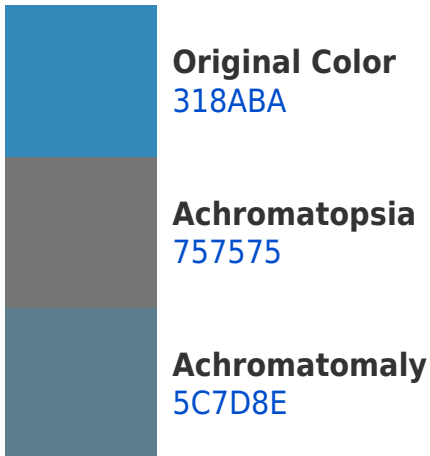


**Tritanopia**  
11909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #318ABA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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