

Converting Colors

Hex(318AC0)

Have a look what the booklet for
Hex(318AC0) contains.

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Color

Hex(318AC0)

Conversions

Conversions Part 1

Format	Color
Hex	318AC0
RGB	49, 138, 192
RGB Percent	19%, 54%, 75%
CMY	0.8078, 0.4588, 0.2471
CMYK	0.74, 0.28, 0.00, 0.25
HSL	203°, 59%, 47%
HSV	203°, 74%, 75%
XYZ	19.8695, 22.6357, 53.1911
YIQ	117.5450, -70.3780, -2.0740

Conversions

Conversions Part 2

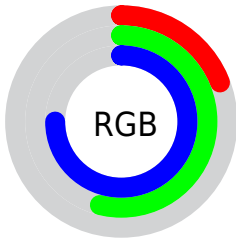
Format	Color
R_{YB}	49, 104, 192
Decimal	3246784
CIE _{Lab}	54.70, -7.97, -35.63
CIE _{LCh}	55, 36.509, 257.385
Yxy	22.6357, 0.2076, 0.2365
Android (android.graphics.Color)	4281436864 (0xFF318AC0)
YUV	117.5450, 36.7063, -60.1140
Hunter-Lab	47.5770, -8.7130, -32.9823

Details

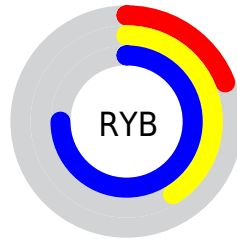
The Hex color **318AC0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C06731**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **72BFF9**, and **00588A** is the 20% darker color. If you saturate the color by 10%, you get **1E83C0**, and if you desaturate by 10%, it is **4491C0**.

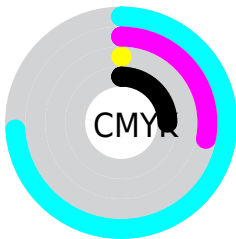
Distribution



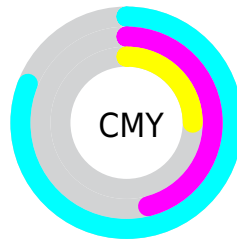
- Red (19%)
- Green (54%)
- Blue (75%)



- Red (19%)
- Yellow (41%)
- Blue (75%)



- Cyan (74%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)





- Cyan (81%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318AC0 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 318AC0 by changing the saturation by 10% instead.

 318AC0

 318AC0

FFFFFF

 0071A5

 72BFF9

 00588A

 90DBFF

 004170

 ADF8FF

 002B58

 CBFFFF

 001840

 E9FFFF

 00032A

 000114

 000000

 318AC0

 318AC0

■ 1E83C0

■ 4491C0

■ 0B7BC0

■ 5799C0

■ 0077C0

■ 6BA0C0

■ 7EA7C0

■ 91AEC0

■ A4B6C0

■ B7BDC0

■ CBC4C0

■ DECBC0

Harmonies

Analogous

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



0091B0



318AC0



7180BF

Triad

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



318AC0



BF6A72



618E57

Complementary

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



318AC0



C06731

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.



848745



318AC0



B77156

Square

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



318AC0



B76B92



A27C45



329274

Rectangle

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



318AC0



9078B5



A27C45



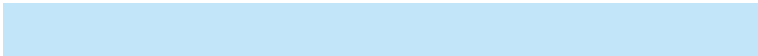
6D8C4F

Sweetspot

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



318AC0



C3E5FA



31C065



5C717D



FCFCFC



7D7D7D

Same Dimension

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



318AC0



1BA6FA



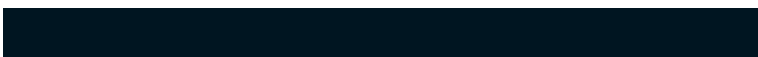
3144C0



575D61



0064A1



001521

Inverse Universe

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



C0318A



FA1BA6



C0AD31



61575D



A10064



210015

Previews

White Background



This preview shows how the Hex color 318AC0 looks on a white background.

Color Contrast Check

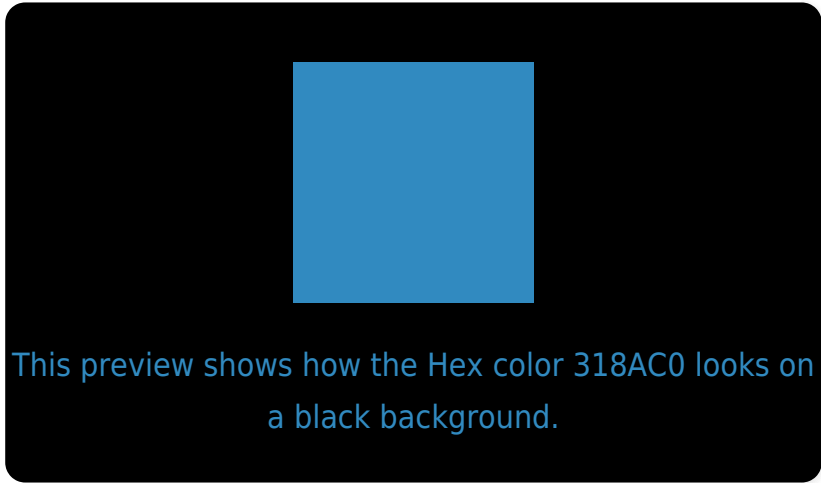
Large Text (above 18pt) WCAG AA ✓ Pass

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

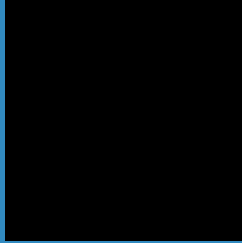
Any Text WCAG AA ✓ Pass

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 318AC0 Background



This preview shows how black text looks on a background with the Hex color 318AC0.

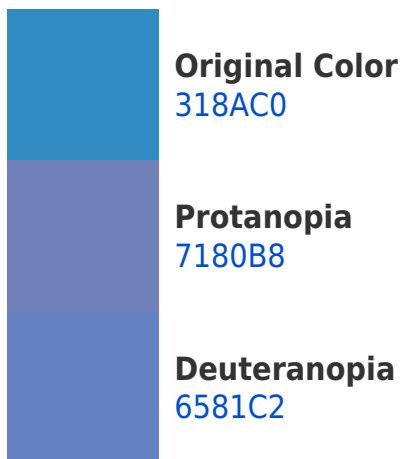


This preview shows how white text looks on a background with the Hex color 318AC0.

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](#).

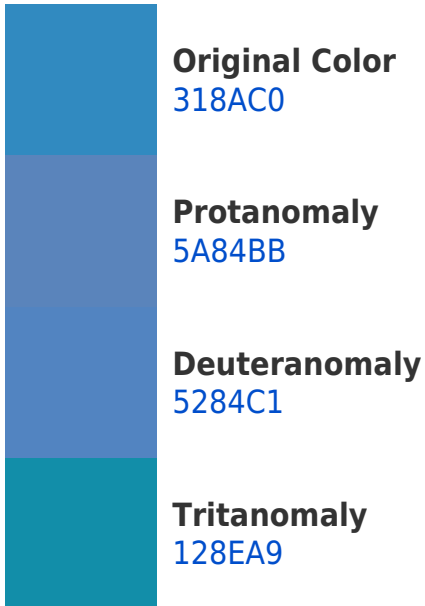
Dichromacy



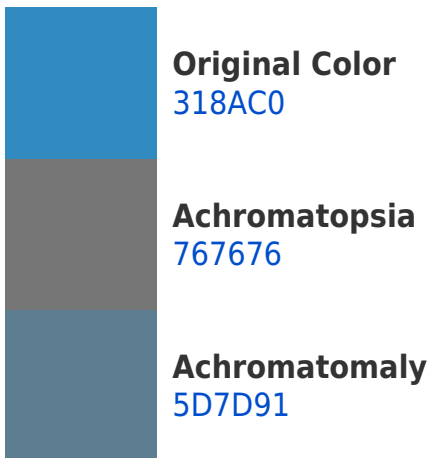


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 318AC0 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 #318AC0 looks like.

```
.text, #text, p{  
    color:#318AC0  
}
```

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 #318AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318AC0  
}
```

Border

The CSS property to change the border of an element to Hex 318AC0 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  
#318AC0 }
```

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

```
.border{ border-color:#318AC0 }
```

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

Here you see how a box with a 4 pixel #318AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318AC0; -webkit-box-shadow:4px 4px  
4px 4px #318AC0; box-shadow:4px 4px 4px  
4px #318AC0 }
```

Background

The CSS property to change the background color of an element to Hex 318AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318AC0 }
```

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

```
.background{ background-color:#318AC0 }
```

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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