

# Converting Colors

Hex(818AB7)

Have a look what the booklet for  
Hex(818AB7) contains.

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# **Color**

**Hex(818AB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	818AB7
RGB	129, 138, 183
RGB Percent	51%, 54%, 72%
CMY	0.4941, 0.4588, 0.2824
CMYK	0.30, 0.25, 0.00, 0.28
HSL	230°, 27%, 61%
HSV	230°, 30%, 72%
XYZ	26.6890, 26.2630, 48.4623
YIQ	140.4390, -19.8090, 12.0870

# Conversions

## Conversions Part 2

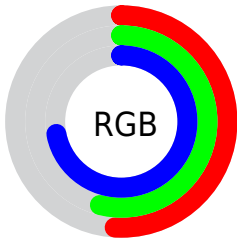
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	129, 137, 183
Decimal	8489655
CIE Lab	58.29, 7.22, -24.62
CIE LCh	58, 25.660, 286.341
Yxy	26.2630, 0.2632, 0.2590
Android (android.graphics.Color)	4286679735 (0xFF818AB7)
YUV	140.4390, 20.9826, -10.0320
Hunter-Lab	51.2474, 3.2775, -20.1947

# Details

The Hex color **818AB7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7AE81**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B7BFEF**, and **4E5882** is the 20% darker color. If you saturate the color by 10%, you get **6F7BB7**, and if you desaturate by 10%, it is **9399B7**.

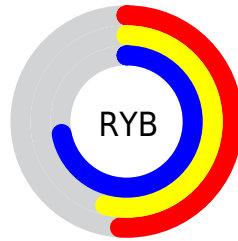
# Distribution



Red (51%)

Green (54%)

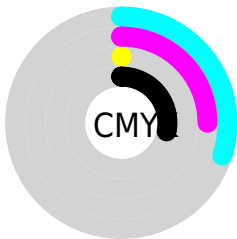
Blue (72%)



Red (51%)

Yellow (54%)

Blue (72%)

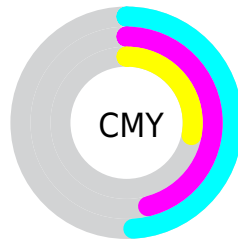


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (46%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818AB7 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 818AB7 by changing the saturation by 10% instead.



■ 818AB7

■ 818AB7

FFFFFF

■ 67719C

■ B7BFEF

■ 4E5882

■ D3DBFF

■ 354169

■ F0F8FF

■ 1D2B50

■ 021739

■ 000223

■ 00000B

■ 000000

■ 818AB7

■ 818AB7

6F7BB7

9399B7

5C6CB7

A6A9B7

4A5CB7

B8B8B7

384DB7

CAC7B7

263EB7

DCD6B7

132FB7

EFE6B7

011FB7

FFF5B7

001FB7

FFFFB7

# Harmonies

## Analogous

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



6091B7



818AB7



9E82AB

# Triad

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



818AB7



B4806D



5C9881

# Complementary

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



818AB7



B7AE81

# 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.



76946C



818AB7



A58761

# Square

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



818AB7



B97C81



8F8F61



489998

# Rectangle

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



818AB7



AD7E9F



8F8F61



659779



# Sweetspot

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



818AB7



D8DBED



81B7AE



6B6D78



F7F7F7



787878



# Same Dimension

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



818AB7



9AA8ED



9381B7



53545C



001A9C



00051C



# Inverse Universe

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



B7818A



ED9AA8



A5B781



5C5354



9C001A

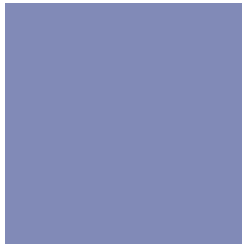


1C0005



# Previews

## White Background



This preview shows how the Hex color 818AB7 looks on a white background.

## Color Contrast Check

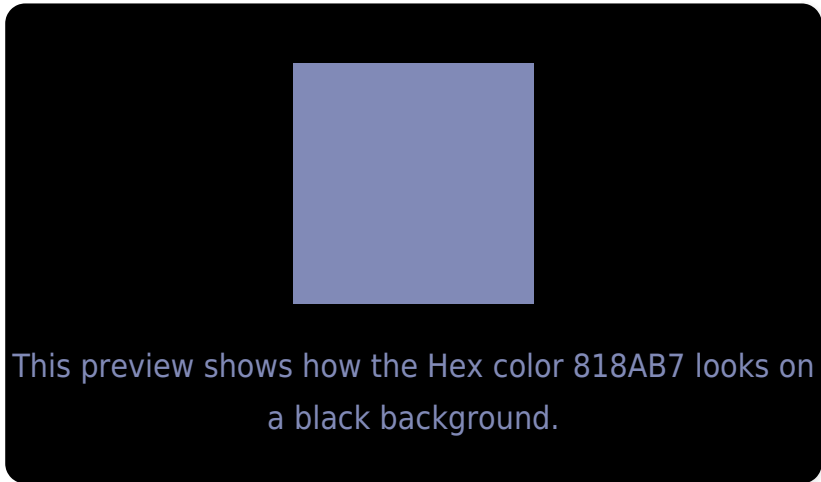
Large Text (above 18pt) WCAG AA ✓ Pass

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

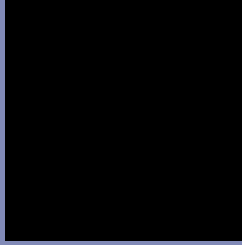
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

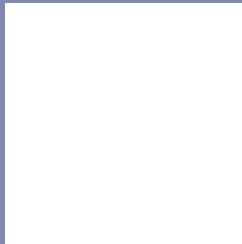
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 818AB7 Background



This preview shows how black text looks on a background with the Hex color 818AB7.



This preview shows how white text looks on a background with the Hex color 818AB7.

# 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



**Original Color**  
818AB7

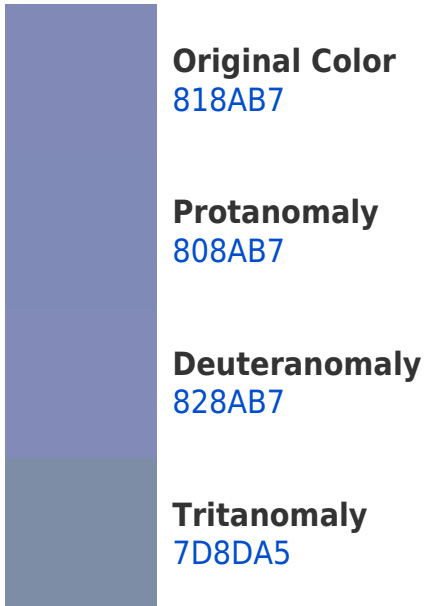
**Protanopia**  
808AB7

**Deuteranopia**  
828AB7

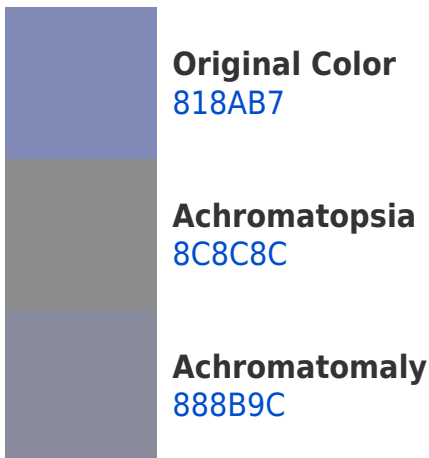


**Tritanopia**  
7B8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818AB7 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 #818AB7 looks like.

```
.text, #text, p{  
    color:#818AB7  
}
```

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 #818AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818AB7
}
```

## Border

The CSS property to change the border of an element to Hex 818AB7 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
#818AB7 }
```

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

```
.border{ border-color:#818AB7 }
```

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

Here you see how a box with a 4 pixel #818AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818AB7; -webkit-box-shadow:4px 4px  
4px 4px #818AB7; box-shadow:4px 4px 4px  
4px #818AB7 }
```

# Background

The CSS property to change the background color of an element to Hex 818AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818AB7 }
```

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

```
.background{ background-color:#818AB7 }
```

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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