

Converting Colors

Hex(818CEA)

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

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Color

Hex(818CEA)

Conversions

Conversions Part 1

Format	Color
Hex	818CEA
RGB	129, 140, 234
RGB Percent	51%, 55%, 92%
CMY	0.4941, 0.4510, 0.0824
CMYK	0.45, 0.40, 0.00, 0.08
HSL	234°, 71%, 71%
HSV	234°, 45%, 92%
XYZ	33.2826, 29.3638, 81.7555
YIQ	147.4270, -36.7300, 26.9020

Conversions

Conversions Part 2

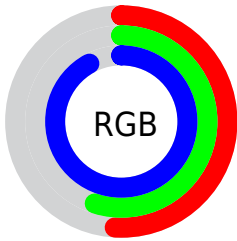
Format	Color
R _Y B	129, 139, 234
Decimal	8490218
CIE Lab	61.10, 20.09, -48.85
CIE LCh	61, 52.817, 292.355
Yxy	29.3638, 0.2305, 0.2033
Android (android.graphics.Color)	4286680298 (0xFF818CEA)
YUV	147.4270, 42.6805, -16.1605
Hunter-Lab	54.1884, 14.8054, -51.5206

Details

The Hex color **818CEA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EADF81**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BAC1FF**, and **485AB2** is the 20% darker color. If you saturate the color by 10%, you get **6A77EA**, and if you desaturate by 10%, it is **98A1EA**.

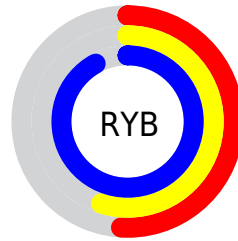
Distribution



Red (51%)

Green (55%)

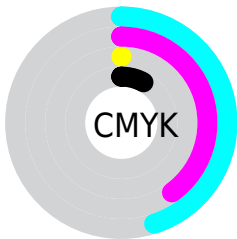
Blue (92%)



Red (51%)

Yellow (55%)

Blue (92%)

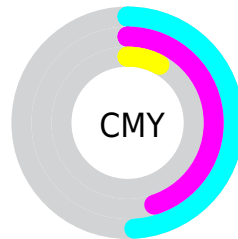


Cyan (45%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

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

818CEA

818CEA

FFFFFF

6573CE

BAC1FF

485AB2

D7DDFF

284397

F5FAFF

002D7C

001963

00004A

000433

00021D

000000

■ 818CEA

■ 818CEA

■ 6A77EA

■ 98A1EA

■ 5262EA

■ B0B6EA

■ 3B4DEA

■ C7CBEA

■ 2338EA

■ DFE0EA

■ 0C23EA

■ F6F5EA

■ 0019EA

■ FFFFEA

Harmonies

Analogous

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



009CF0



818CEA



C179CD

Triad

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



818CEA



D97B4B



00AA86

Complementary

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



818CEA



EADF81

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.



52A558



818CEA



B78D32

Square

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



818CEA



E96C73



8B9B37



00AAB6

Rectangle

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



818CEA



DB6EB1



8B9B37



00A976

Sweetspot

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



818CEA



DEE1FF



81EADE



6B6D80



000000



808080

Same Dimension

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



818CEA



7584FF



A981EA



6A6B75



0013B5



000636

Inverse Universe

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



EA818C



FF7584



C2EA81



756A6B



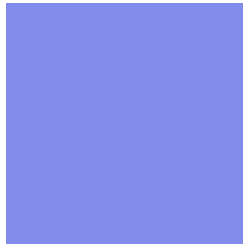
B50013



360006

Previews

White Background



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

Color Contrast Check

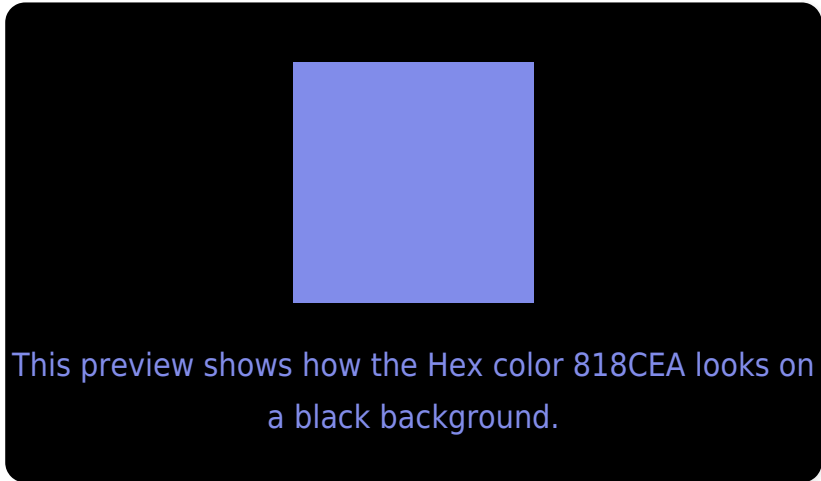
Large Text (above 18pt) WCAG AA ✓ Pass

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

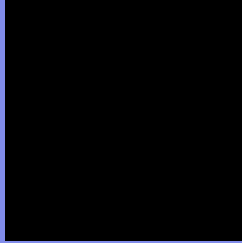
Any Text WCAG AA ✓ Pass

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 818CEA Background



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



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

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](#).

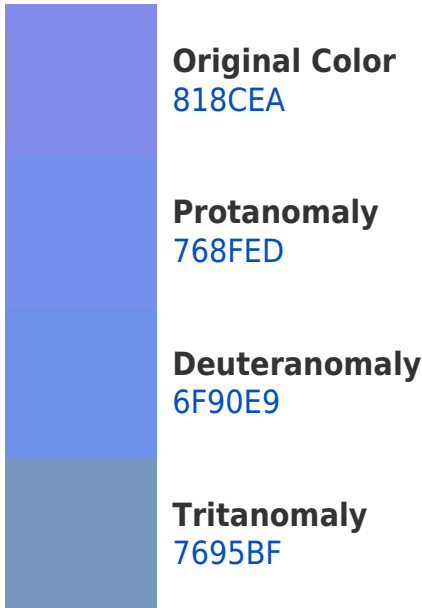
Dichromacy





Tritanopia
6F9AA7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #818CEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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