

Converting Colors

Hex(819EE1)

Have a look what the booklet for
Hex(819EE1) contains.

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Color

Hex(819EE1)

Conversions

Conversions Part 1

Format	Color
Hex	819EE1
RGB	129, 158, 225
RGB Percent	51%, 62%, 88%
CMY	0.4941, 0.3804, 0.1176
CMYK	0.43, 0.30, 0.00, 0.12
HSL	222°, 62%, 69%
HSV	222°, 43%, 88%
XYZ	34.8707, 34.5571, 76.0665
YIQ	156.9670, -38.7910, 14.6890

Conversions

Conversions Part 2

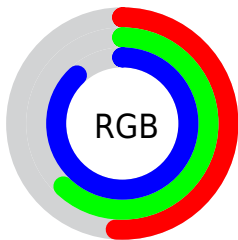
Format	Color
R_{YB}	129, 151, 225
Decimal	8494817
CIE _{Lab}	65.40, 7.07, -37.11
CIE _{LCh}	65, 37.781, 280.783
Yxy	34.5571, 0.2397, 0.2375
Android (android.graphics.Color)	4286684897 (0xFF819EE1)
YUV	156.9670, 33.5403, -24.5271
Hunter-Lab	58.7853, 3.0098, -35.5699

Details

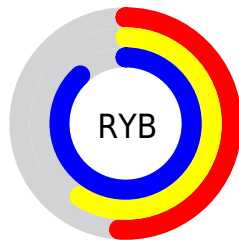
The Hex color **819EE1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1C481**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9D4FF**, and **4A6BA9** is the 20% darker color. If you saturate the color by 10%, you get **6A8EE1**, and if you desaturate by 10%, it is **98AEE1**.

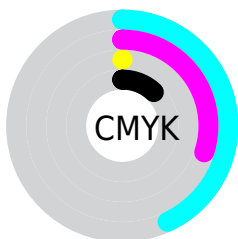
Distribution



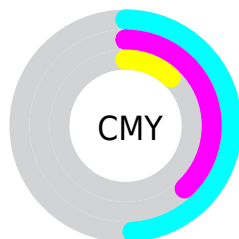
- Red (51%)
- Green (62%)
- Blue (88%)



- Red (51%)
- Yellow (59%)
- Blue (88%)



- Cyan (43%)
- Magenta (30%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 819EE1 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 819EE1 by changing the saturation by 10% instead.

■ 819EE1

FFFFFF

■ B9D4FF

■ D6F1FF

■ F3FFFF

■ 819EE1

■ 6584C5

■ 4A6BA9

■ 2D538F

■ 033C75

■ 00275C

■ 001344

■ 00032D

■ 000117

■ 000000

819EE1

819EE1

6A8EE1

98AEE1

547FE1

AEBDE1

3D6FE1

C4CDE1

275FE1

DBDDE1

104FE1

F1EDE1

0044E1

FFFCE1

FFFFE1

Harmonies

Analogous

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



42A8DE



819EE1



B291D2

Triad

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



819EE1



DB8A74



58AF87

Complementary

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



819EE1



E1C481

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.



84AA6A



819EE1



C7955F

Square

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



819EE1



E08494



A9A15B



1DB1AA

Rectangle

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



819EE1



CA8AC0



A9A15B



68AE7D

Sweetspot

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



819EE1



DEE8FF



81E1C3



6B7180



000000



808080

Same Dimension

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



819EE1



7DA4FF



9381E1



656870



0035B0



000F30

Inverse Universe

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



E1819E



FF7DA4



CFE181



706568



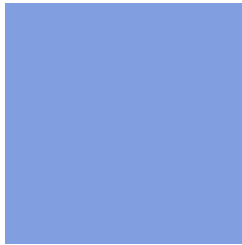
B00035



30000F

Previews

White Background



This preview shows how the Hex color 819EE1 looks on a white background.

Color Contrast Check

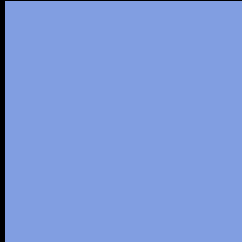
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 819EE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

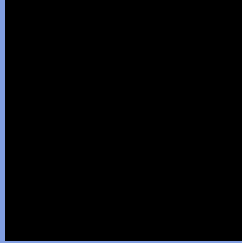
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 819EE1 Background



This preview shows how black text looks on a background with the Hex color 819EE1.

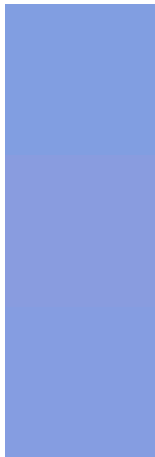


This preview shows how white text looks on a background with the Hex color 819EE1.

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
819EE1

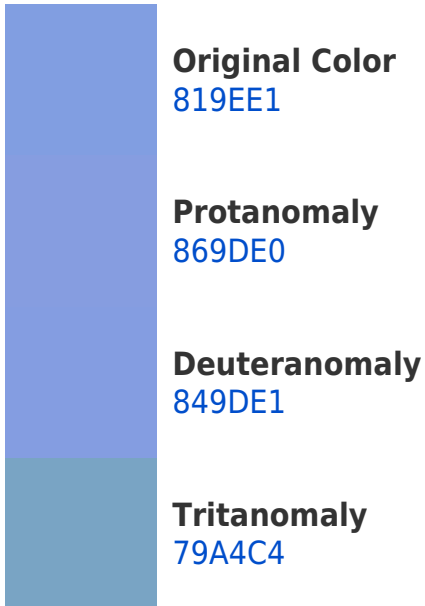
Protanopia
899CDF

Deuteranopia
859DE1

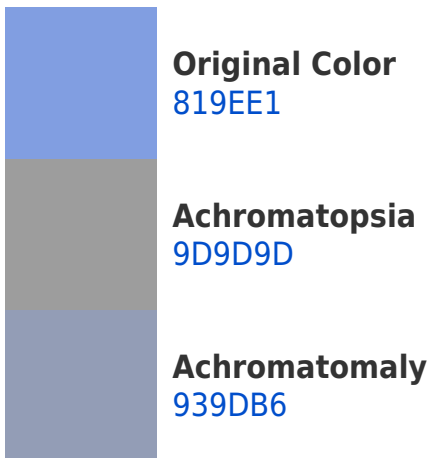


Tritanopia
75A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 819EE1 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 #819EE1 looks like.

```
.text, #text, p{  
    color:#819EE1  
}
```

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 #819EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819EE1  
}
```

Border

The CSS property to change the border of an element to Hex 819EE1 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  
#819EE1 }
```

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

```
.border{ border-color:#819EE1 }
```

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

Here you see how a box with a 4 pixel #819EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819EE1; -webkit-box-shadow:4px 4px  
4px 4px #819EE1; box-shadow:4px 4px 4px  
4px #819EE1 }
```

Background

The CSS property to change the background color of an element to Hex 819EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819EE1 }
```

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

```
.background{ background-color:#819EE1 }
```

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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