

Converting Colors

Hex(819BE0)

Have a look what the booklet for
Hex(819BE0) contains.

Hex(819BE0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(819BE0)

Conversions

Conversions Part 1

Format	Color
Hex	819BE0
RGB	129, 155, 224
RGB Percent	51%, 61%, 88%
CMY	0.4941, 0.3922, 0.1216
CMYK	0.42, 0.31, 0.00, 0.12
HSL	224°, 61%, 69%
HSV	224°, 42%, 88%
XYZ	34.2292, 33.4916, 75.1815
YIQ	155.0920, -37.6450, 15.9470

Conversions

Conversions Part 2

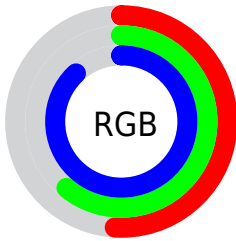
Format	Color
RYB	129, 149, 224
Decimal	8494048
CIELab	64.56, 8.50, -37.88
CIElCh	65, 38.823, 282.652
Yxy	33.4916, 0.2395, 0.2344
Android (android.graphics.Color)	4286684128 (0xFF819BE0)
YUV	155.0920, 33.9716, -22.8827
Hunter-Lab	57.8720, 4.3003, -36.5133

Details

The Hex color **819BE0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0C681**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B9D1FF**, and **4A68A8** is the 20% darker color. If you saturate the color by 10%, you get **6B8BE0**, and if you desaturate by 10%, it is **97ABE0**.

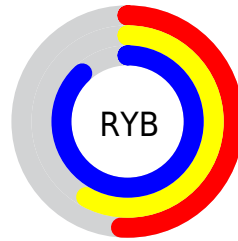
Distribution



Red (51%)

Green (61%)

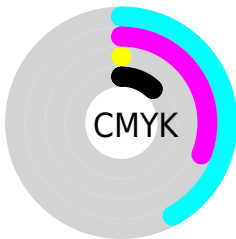
Blue (88%)



Red (51%)

Yellow (58%)

Blue (88%)

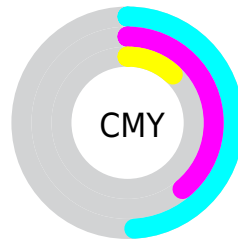


Cyan (42%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (49%)

Magenta (39%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 819BE0 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 819BE0 by changing the saturation by 10% instead.

 819BE0

 819BE0

FFFFFF

 6581C4

 B9D1FF

 4A68A8

 D6EDFF

 2D508E

 F3FFFF

 043A74

 00255B

 001043

 00032C

 000117

 000000

819BE0

819BE0

6B8BE0

97ABE0

547AE0

AEBCE0

3E6AE0

C4CCE0

275AE0

DBDCE0

114AE0

F1ECE0

003DE0

FFFDE0

FFFFE0

Harmonies

Analogous

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



3DA6DE



819BE0



B38ED0

Triad

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



819BE0



D9886F



50AD87

Complementary

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



819BE0



E0C681

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.



7EA868



819BE0



C4935A

Square

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



819BE0



E0818F



A49F57



00AFAB

Rectangle

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



819BE0



CB86BD



A49F57



61AC7C

Sweetspot

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



819BE0



DEE7FF



81E0C5



6B7180



000000



808080

Same Dimension

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



819BE0



7DA1FF



9681E0



656870



0030B0



000D30

Inverse Universe

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



E0819B



FF7DA1



CBE081



706568



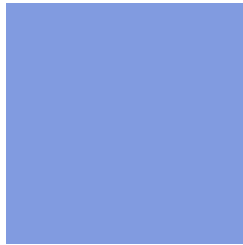
B00030



30000D

Previews

White Background



This preview shows how the Hex color 819BE0 looks on a white background.

Color Contrast Check

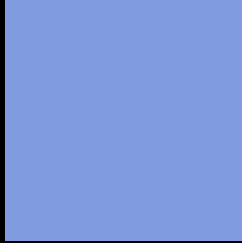
Large Text (above 18pt) WCAG AA × Fail

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 819BE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

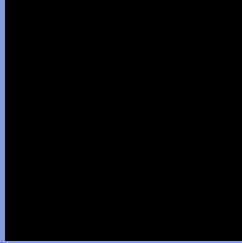
Any Text WCAG AA ✓ Pass

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 819BE0 Background



This preview shows how black text looks on a background with the Hex color 819BE0.



This preview shows how white text looks on a background with the Hex color 819BE0.

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
819BE0

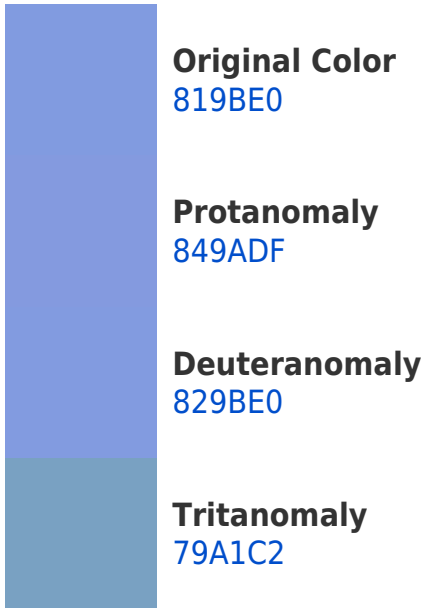
Protanopia
869ADF

Deuteranopia
829BE0



Tritanopia
75A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 819BE0 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 #819BE0 looks like.

```
.text, #text, p{  
    color:#819BE0  
}
```

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 #819BE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819BE0
}
```

Border

The CSS property to change the border of an element to Hex 819BE0 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
#819BE0 }
```

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

```
.border{ border-color:#819BE0 }
```

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

Here you see how a box with a 4 pixel #819BE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819BE0; -webkit-box-shadow:4px 4px  
4px 4px #819BE0; box-shadow:4px 4px 4px  
4px #819BE0 }
```

Background

The CSS property to change the background color of an element to Hex 819BE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819BE0 }
```

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

```
.background{ background-color:#819BE0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor