

# Converting Colors

Hex(819BEC)

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

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

# **Color**

**Hex(819BEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	819BEC
RGB	129, 155, 236
RGB Percent	51%, 61%, 93%
CMY	0.4941, 0.3922, 0.0745
CMYK	0.45, 0.34, 0.00, 0.07
HSL	225°, 74%, 72%
HSV	225°, 45%, 93%
XYZ	35.9149, 34.1659, 84.0586
YIQ	156.4600, -41.4970, 19.6790

# Conversions

## Conversions Part 2

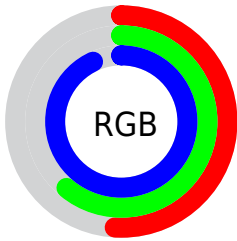
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 150, 236</a>
Decimal	<a href="#">8494060</a>
CIELab	<a href="#">65.09, 11.93, -43.66</a>
CIELCh	<a href="#">65, 45.257, 285.290</a>
Yxy	<a href="#">34.1659, 0.2330, 0.2217</a>
Android (android.graphics.Color)	<a href="#">4286684140 (0xFF819BEC)</a>
YUV	<a href="#">156.4600, 39.2132, -24.0824</a>
Hunter-Lab	<a href="#">58.4516, 7.3869, -44.3481</a>

# Details

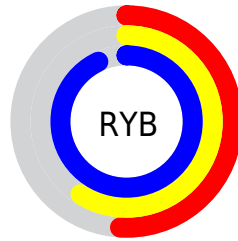
The Hex color **819BEC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **ECD281**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BAD1FF**, and **4868B4** is the 20% darker color. If you saturate the color by 10%, you get **6989EC**, and if you desaturate by 10%, it is **99ADEC**.

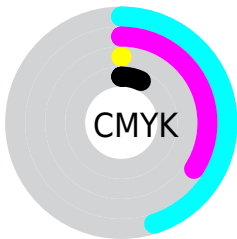
# Distribution



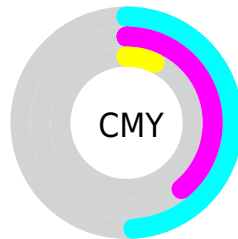
- Red (51%)
- Green (61%)
- Blue (93%)



- Red (51%)
- Yellow (59%)
- Blue (93%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (49%)
- Magenta (39%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 819BEC

 819BEC

FFFFFF

 6581D0

 BAD1FF

 4868B4

 D7EDFF

 295099

 F5FFFF

 003A7E

 002565

 00114C

 000535

 00021F

 000002

■ 819BEC

■ 819BEC

■ 6989EC

■ 99ADEC

■ 5277EC

■ B0BFEC

■ 3A65EC

■ C8D1EC

■ 2354EC

■ DFE2EC

■ 0B42EC

■ F7F4EC

■ 0039EC

■ FFFFEC

# Harmonies

## Analogous

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



14A8EC



819BEC



BC8BD7

# Triad

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



819BEC



E28666



35B188

# Complementary

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



819BEC



ECD281

# 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.



75AC63



819BEC



C7954F

# Square

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



819BEC



EB7D8B



A2A24D



00B3B2

# Rectangle

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



819BEC



D682C1



A2A24D



4FB07B



# Sweetspot

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



819BEC



DBE4FF



81ECD1



6A6F80



000000



808080



# Same Dimension

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



819BEC



7597FF



9C81EC



6A6C75



002CB5



000D36



# Inverse Universe

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



EC819B



FF7597



D1EC81



756A6C



B5002C



36000D



# Previews

## White Background



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

## Color Contrast Check

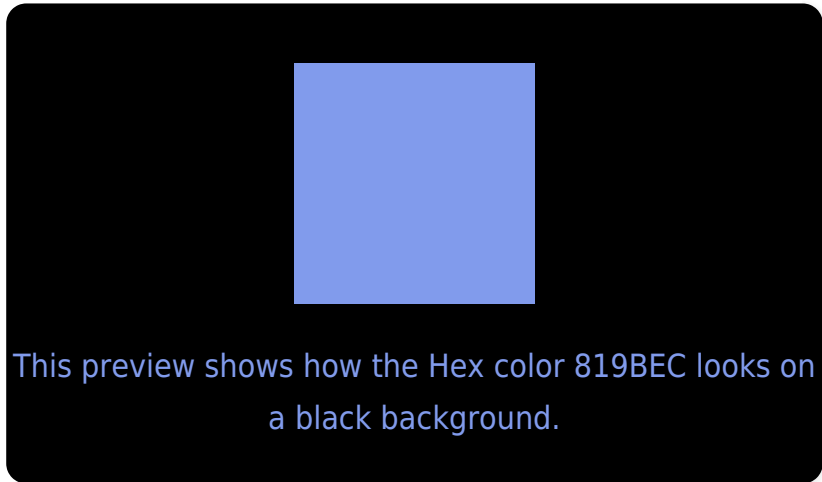
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

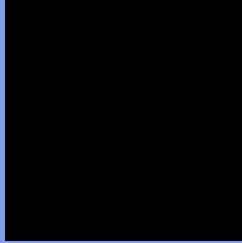
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 819BEC Background



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



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

# 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**  
819BEC

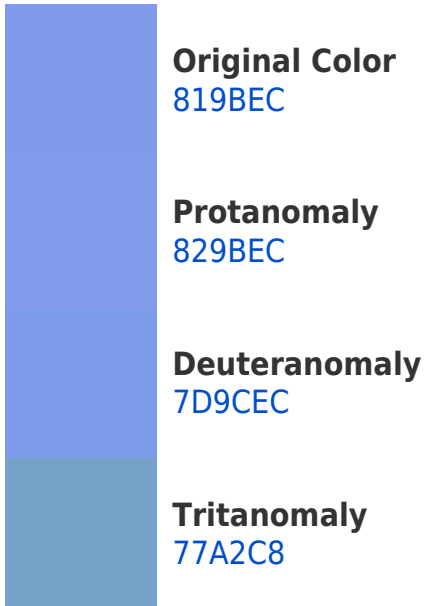
**Protanopia**  
829BEC

**Deuteranopia**  
7A9DEC

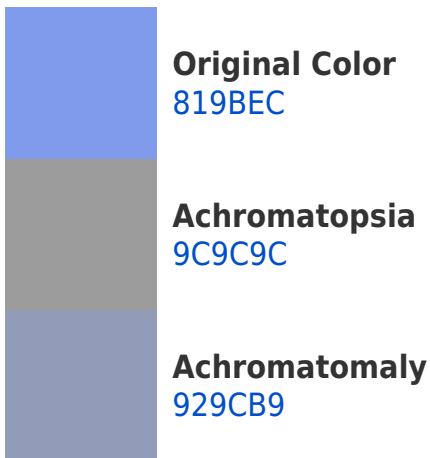


**Tritanopia**  
71A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #819BEC colored shadow looks like.

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

## Border

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

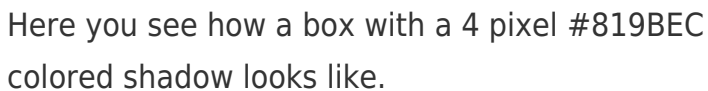
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#819BEC }
```

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

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

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



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

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

# Background

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

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

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

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

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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