

Converting Colors

Hex(C89EED)

Have a look what the booklet for
Hex(C89EED) contains.

Hex(C89EED)	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(C89EED)

Conversions

Conversions Part 1

Format	Color
Hex	C89EED
RGB	200, 158, 237
RGB Percent	78%, 62%, 93%
CMY	0.2157, 0.3804, 0.0706
CMYK	0.16, 0.33, 0.00, 0.07
HSL	272°, 69%, 77%
HSV	272°, 33%, 93%
XYZ	51.3323, 42.8475, 85.6857
YIQ	179.5640, -0.3270, 33.4730

Conversions

Conversions Part 2

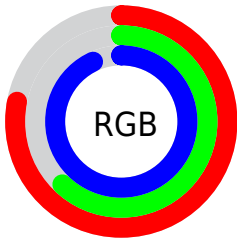
Format	Color
R_{YB}	200, 158, 237
Decimal	13147885
CIE _{Lab}	71.45, 30.24, -33.87
CIE _{LCh}	71, 45.403, 311.755
Yxy	42.8475, 0.2854, 0.2382
Android (android.graphics.Color)	4291337965 (0xFFC89EED)
YUV	179.5640, 28.3159, 17.9224
Hunter-Lab	65.4580, 25.4287, -31.7910

Details

The Hex color **C89EED** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3ED9E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD5FF**, and **916AB5** is the 20% darker color. If you saturate the color by 10%, you get **BD86ED**, and if you desaturate by 10%, it is **D3B6ED**.

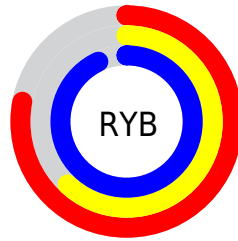
Distribution



Red (78%)

Green (62%)

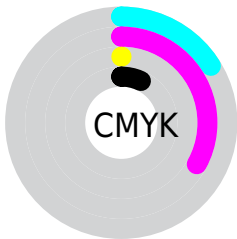
Blue (93%)



Red (78%)

Yellow (62%)

Blue (93%)

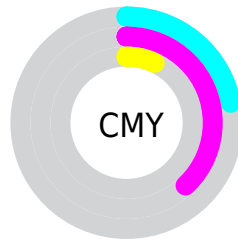


Cyan (16%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (38%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C89EED 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 C89EED by changing the saturation by 10% instead.


 C89EED

 C89EED

FFFFFF

 AC84D1

 FFD5FF

 916AB5

 FFF2FF

 76519A

 5D3A80

 442366

 2B0C4E

 170037

 000220

 000005

 C89EED

 C89EED

 BD86ED

 D3B6ED

 B26FED


 DECEDE

 A757ED

 E9E5ED

 9C3FED

 F4FDED

 9128ED

 FFFFED

 8510ED

 7E00ED

Harmonies

Analogous

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



8AAEFF



C89EED



EF91CA

Triad

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



C89EED



DEA460



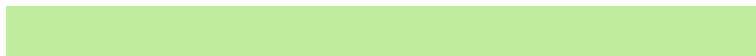
00C5BE

Complementary

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



C89EED



C3ED9E

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.



52C394



C89EED



B9B25C

Square

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



C89EED



F7967A



8BBC6F



00C2E5

Rectangle

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



C89EED



FC8DAE



8BBC6F



01C4B0

Sweetspot

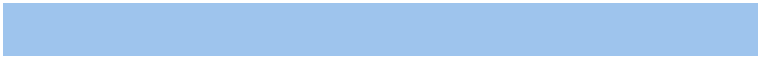
The Sweet Spot groups the original color and five complimentary colors.



C89EED



F3E6FF



9EC4ED



787080



000000



808080

Same Dimension

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



C89EED



CF99FF



ED9EEC



706A75



6000B5



1C0036

Inverse Universe

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



ED9EC3



FF99C9



9EED9F



756A6F



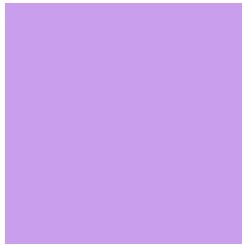
B50055



360019

Previews

White Background



This preview shows how the Hex color C89EED looks on a white background.

Color Contrast Check

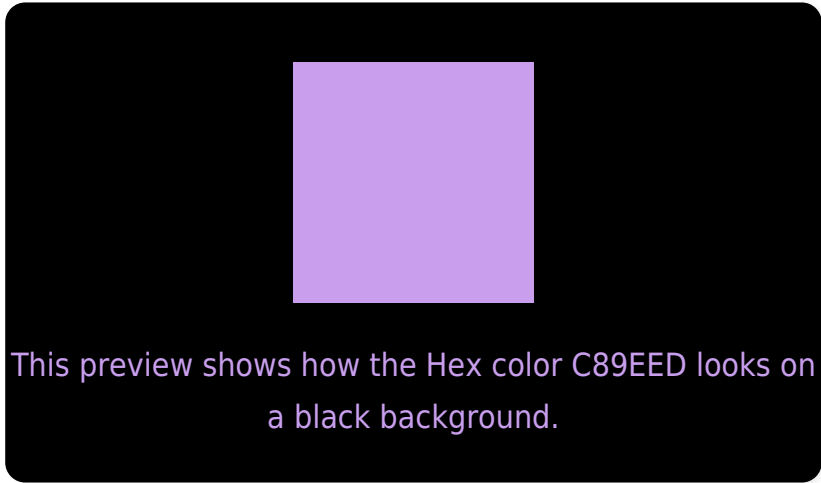
Large Text (above 18pt) WCAG AA × Fail

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

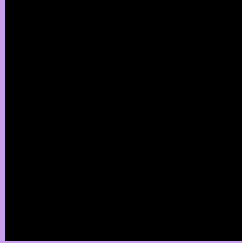
Any Text WCAG AA ✓ Pass

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 C89EED Background



This preview shows how black text looks on a background with the Hex color C89EED.

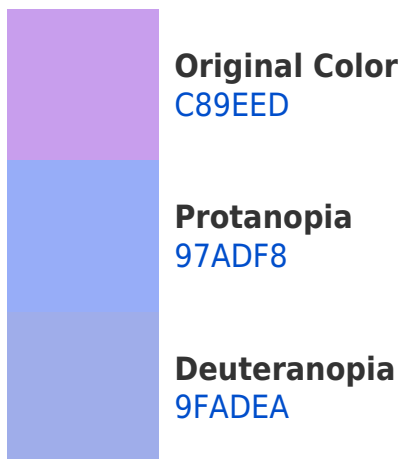


This preview shows how white text looks on a background with the Hex color C89EED.

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
BFA9B6

Trichromacy



Original Color
C89EED



Protanomaly
A9A8F4



Deuteranomaly
AEA8EB



Tritanomaly
C2A5CA

Monochromacy



Original Color
C89EED



Achromatopsia
B4B4B4



Achromatomaly
BBACC9

CSS Examples

Text

The CSS property to change the color of the text to Hex C89EED 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 #C89EED looks like.

```
.text, #text, p{  
    color:#C89EED  
}
```

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 #C89EED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C89EED
}
```

Border

The CSS property to change the border of an element to Hex C89EED 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
#C89EED }
```

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

```
.border{ border-color:#C89EED }
```

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

Here you see how a box with a 4 pixel #C89EED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C89EED; -webkit-box-shadow:4px 4px  
4px 4px #C89EED; box-shadow:4px 4px 4px  
4px #C89EED }
```

Background

The CSS property to change the background color of an element to Hex C89EED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C89EED }
```

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

```
.background{ background-color:#C89EED }
```

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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