

# Converting Colors

Hex(C199ED)

Have a look what the booklet for  
Hex(C199ED) contains.

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# **Color**

**Hex(C199ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C199ED
RGB	193, 153, 237
RGB Percent	76%, 60%, 93%
CMY	0.2431, 0.4000, 0.0706
CMYK	0.19, 0.35, 0.00, 0.07
HSL	269°, 70%, 76%
HSV	269°, 35%, 93%
XYZ	48.6696, 40.2343, 85.3216
YIQ	174.5360, -3.1240, 34.6040

# Conversions

## Conversions Part 2

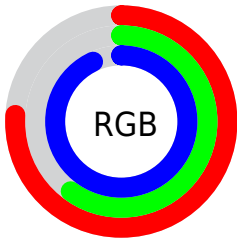
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 153, 237
Decimal	12687853
CIE <sub>Lab</sub>	69.64, 30.89, -36.74
CIE <sub>LCh</sub>	70, 48.001, 310.061
Yxy	40.2343, 0.2793, 0.2309
Android (android.graphics.Color)	4290877933 (0xFFC199ED)
YUV	174.5360, 30.7948, 16.1929
Hunter-Lab	63.4305, 25.9578, -35.3507

# Details

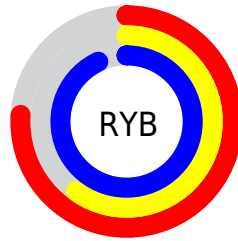
The Hex color **C199ED** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C5ED99**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FAD0FF**, and **8A65B5** is the 20% darker color. If you saturate the color by 10%, you get **B581ED**, and if you desaturate by 10%, it is **CDB1ED**.

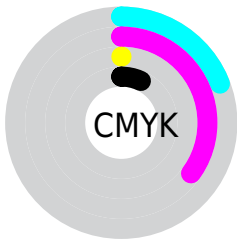
# Distribution



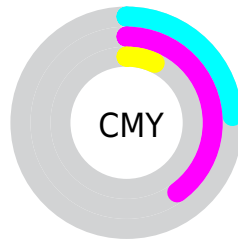
- Red (76%)
- Green (60%)
- Blue (93%)



- Red (76%)
- Yellow (60%)
- Blue (93%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (40%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C199ED 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 C199ED by changing the saturation by 10% instead.



 C199ED

 C199ED

FFFFFF

 A57FD1

 FAD0FF

 8A65B5

 FFECFF

 704D9A

 56357F

 3D1F66

 23084E

 110037

 000220

 000004

 C199ED

 C199ED

 B581ED

 CDB1ED

 A86AED

 DAC8ED

 9C52ED

 E6E0ED

 8F3AED

 F3F8ED

 8323ED

 FFFFED

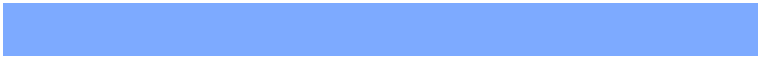
 770BED

 7100ED

# Harmonies

## Analogous

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



7DAAFF



C199ED



EB8AC9

# Triad

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



C199ED



DD9D58



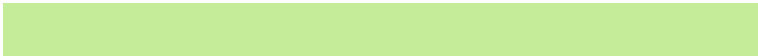
00C1B8

# Complementary

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



C199ED



C5ED99

# 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.



49BE8B



C199ED



B6AC52

# Square

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



C199ED



F68E74



87B865



00BEE1

# Rectangle

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



C199ED



FA86AC



87B865



00C0A9



# Sweetspot

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



C199ED



F0E3FF



99C6ED



776F80



000000



808080



# Same Dimension

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



C199ED



C691FF



EA99ED



6F6A75



5600B5



190036



# Inverse Universe

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



ED99C5



FF91CB



9CED99



756A70



B5005F

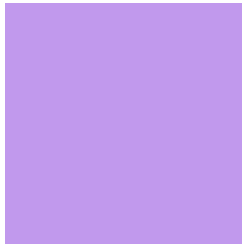


36001C



# Previews

## White Background



This preview shows how the Hex color C199ED looks on a white background.

## Color Contrast Check

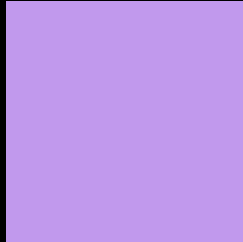
Large Text (above 18pt) WCAG AA × Fail

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 C199ED 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 C199ED Background



This preview shows how black text looks on a background with the Hex color C199ED.

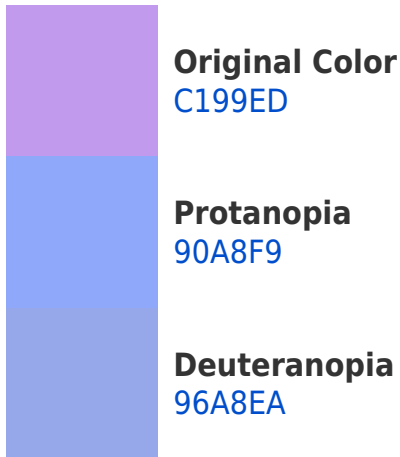


This preview shows how white text looks on a background with the Hex color C199ED.

# 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](#).

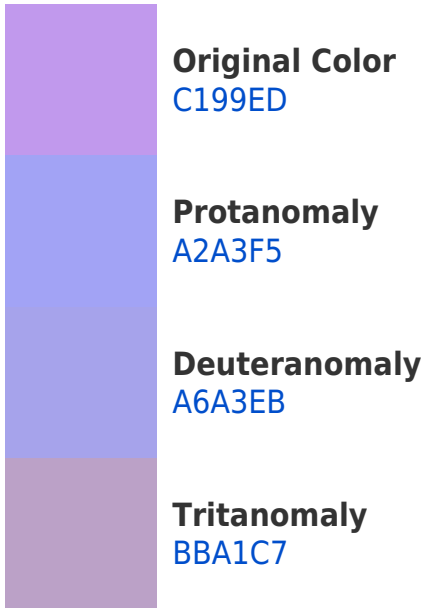
## Dichromacy



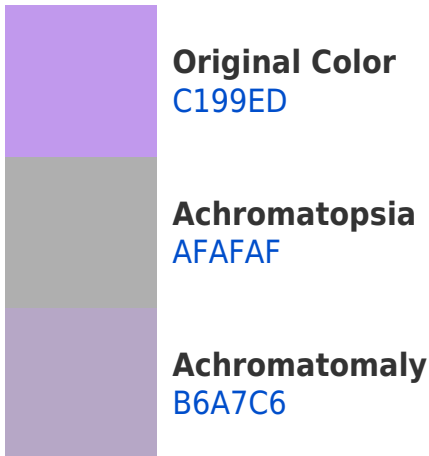


**Tritanopia**  
B7A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C199ED 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 #C199ED looks like.

```
.text, #text, p{  
    color:#C199ED  
}
```

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 #C199ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C199ED
}
```

## Border

The CSS property to change the border of an element to Hex C199ED 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
#C199ED }
```

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

```
.border{ border-color:#C199ED }
```

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

Here you see how a box with a 4 pixel #C199ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C199ED; -webkit-box-shadow:4px 4px  
4px 4px #C199ED; box-shadow:4px 4px 4px  
4px #C199ED }
```

# Background

The CSS property to change the background color of an element to Hex C199ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C199ED }
```

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

```
.background{ background-color:#C199ED }
```

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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