

# Converting Colors

Hex(C179E7)

Have a look what the booklet for  
Hex(C179E7) contains.

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**Color**

**Hex(C179E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C179E7
RGB	193, 121, 231
RGB Percent	76%, 47%, 91%
CMY	0.2431, 0.5255, 0.0941
CMYK	0.16, 0.48, 0.00, 0.09
HSL	279°, 70%, 69%
HSV	279°, 48%, 91%
XYZ	43.2535, 30.7817, 79.2631
YIQ	155.0680, 7.6020, 49.4740

# Conversions

## Conversions Part 2

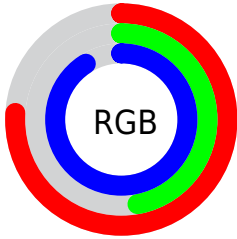
Format	Color
<a href="#">RYB</a>	<a href="#">193, 121, 231</a>
Decimal	<a href="#">12679655</a>
CIELab	<a href="#">62.32, 46.99, -44.88</a>
CIELCh	<a href="#">62, 64.976, 316.319</a>
Yxy	<a href="#">30.7817, 0.2822, 0.2008</a>
Android (android.graphics.Color)	<a href="#">4290869735</a> ( <a href="#">0xFFC179E7</a> )
YUV	<a href="#">155.0680, 37.4345, 33.2664</a>
Hunter-Lab	<a href="#">55.4813, 42.0673, -45.8675</a>

# Details

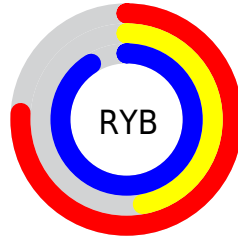
The Hex color **C179E7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9FE779**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FBAFFF**, and **8945AF** is the 20% darker color. If you saturate the color by 10%, you get **B962E7**, and if you desaturate by 10%, it is **C990E7**.

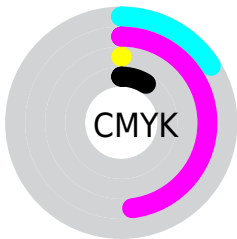
# Distribution



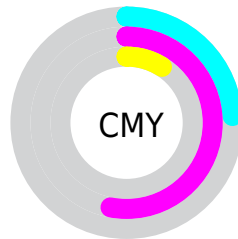
- Red (76%)
- Green (47%)
- Blue (91%)



- Red (76%)
- Yellow (47%)
- Blue (91%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (53%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C179E7 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 C179E7 by changing the saturation by 10% instead.



 C179E7

 C179E7

FFFFFF

 A55FCB

 FBAFFF

 8945AF

 FFCBFF

 6E2C94

 FFE8FF

 53107A

 390060

 210048

 000030

 00011B

 000000

 C179E7

 C179E7

 B962E7

 C990E7

 B14BE7

 D1A7E7

 A934E7

 D9BEE7

 A11DE7

 E1D5E7

 9906E7

 E9ECE7

 9700E7

 F1FFE7

 F9FFE7

 FFFFE7

# Harmonies

## Analogous

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



5F92FF



C179E7



F162B4

# Triad

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



C179E7



C98A18



00B2B5

# Complementary

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



C179E7



9FE779

# 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.



00B079



C179E7



969E12

# Square

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



C179E7



EF7245



51AA41



00AFE9

# Rectangle

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



C179E7



FE5D8D



51AA41



00B2A2



# Sweetspot

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



C179E7



F3DBFF



79A0E7



786A80



000000



808080



# Same Dimension

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



C179E7



CD6EFF



E779D7



6F6773



7500B3



210033



# Inverse Universe

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



E7799F



FF6EA0



79E789



73676B



B3003E

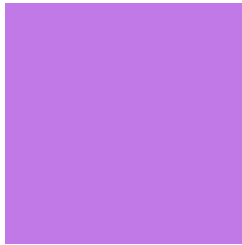


330012



# Previews

## White Background



This preview shows how the Hex color C179E7 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

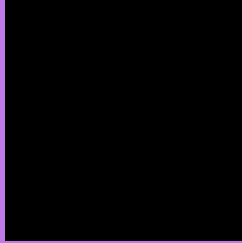
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C179E7 Background



This preview shows how black text looks on a background with the Hex color C179E7.

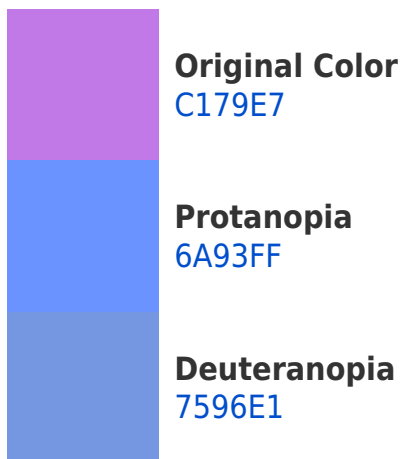


This preview shows how white text looks on a background with the Hex color C179E7.

# 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](#).

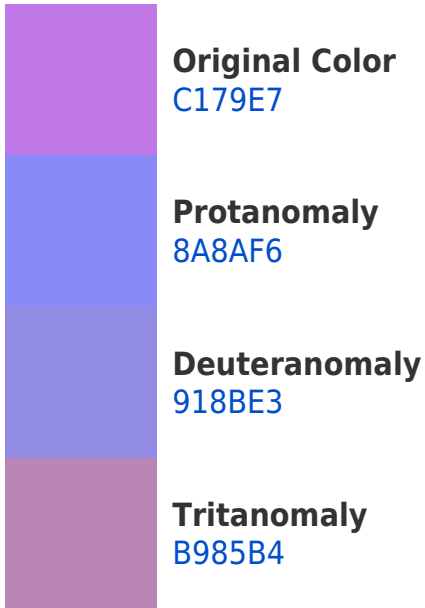
## Dichromacy



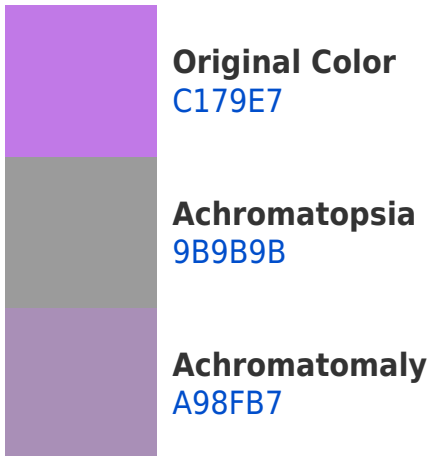


**Tritanopia**  
B58C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C179E7 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 #C179E7 looks like.

```
.text, #text, p{  
    color:#C179E7  
}
```

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 #C179E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C179E7
}
```

## Border

The CSS property to change the border of an element to Hex C179E7 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
#C179E7 }
```

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

```
.border{ border-color:#C179E7 }
```

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

Here you see how a box with a 4 pixel #C179E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C179E7; -webkit-box-shadow:4px 4px  
4px 4px #C179E7; box-shadow:4px 4px 4px  
4px #C179E7 }
```

# Background

The CSS property to change the background color of an element to Hex C179E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C179E7 }
```

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

```
.background{ background-color:#C179E7 }
```

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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