

Converting Colors

Hex(CD80E9)

Have a look what the booklet for
Hex(CD80E9) contains.

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Color

Hex(CD80E9)

Conversions

Conversions Part 1

Format	Color
Hex	CD80E9
RGB	205, 128, 233
RGB Percent	80%, 50%, 91%
CMY	0.1961, 0.4980, 0.0863
CMYK	0.12, 0.45, 0.00, 0.09
HSL	284°, 70%, 71%
HSV	284°, 45%, 91%
XYZ	47.6040, 34.3007, 81.2025
YIQ	162.9930, 12.1870, 48.9790

Conversions

Conversions Part 2

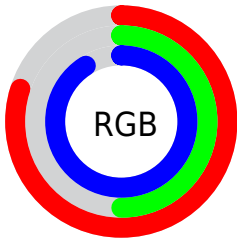
Format	Color
R_{YB}	205, 128, 233
Decimal	13467881
CIE _{Lab}	65.20, 47.07, -41.37
CIE _{LCh}	65, 62.667, 318.689
Yxy	34.3007, 0.2919, 0.2103
Android (android.graphics.Color)	4291657961 (0xFFCD80E9)
YUV	162.9930, 34.5135, 36.8401
Hunter-Lab	58.5668, 42.5957, -41.2085

Details

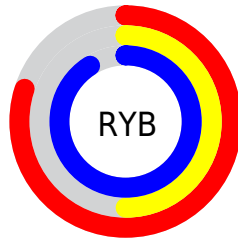
The Hex color **CD80E9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9CE980**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB7FF**, and **954CB1** is the 20% darker color. If you saturate the color by 10%, you get **C769E9**, and if you desaturate by 10%, it is **D397E9**.

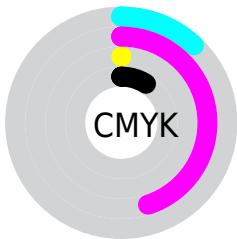
Distribution



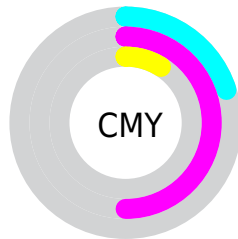
- Red (80%)
- Green (50%)
- Blue (91%)



- Red (80%)
- Yellow (50%)
- Blue (91%)



- Cyan (12%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (50%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD80E9 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 CD80E9 by changing the saturation by 10% instead.

 CD80E9

 CD80E9

FFFFFF

 B166CD

 FFB7FF

 954CB1

 FFD3FF

 7A3296

 FFF0FF

 5F177C

 450062

 2B004A

 110033

 00021C

 000000

CD80E9

CD80E9

C769E9

D397E9

C151E9

D9AFE9

BA3AE9

E0C6E9

B423E9

E6DDE9

AE0CE9

ECF4E9

AB00E9

F2FFE9

F8FFE9

FFFFE9

Harmonies

Analogous

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



7798FF



CD80E9



F96CB6

Triad

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



CD80E9



CD9427



00B9C1

Complementary

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



CD80E9



9CE980

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.



00B886



CD80E9



9AA627

Square

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



CD80E9



F37D4B



56B250



00B5F2

Rectangle

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



CD80E9



FF6990



56B250



00B9AD

Sweetspot

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



CD80E9



F5DBFF



809CE9



7A6A80



000000



808080

Same Dimension

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



CD80E9



DA75FF



E980D1



726A75



8500B5



270036

Inverse Universe

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



E9809C



FF759A



80E999



756A6D



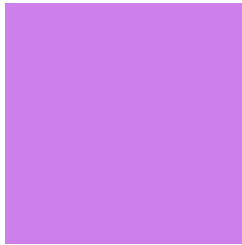
B50030



36000E

Previews

White Background



This preview shows how the Hex color CD80E9 looks on a white background.

Color Contrast Check

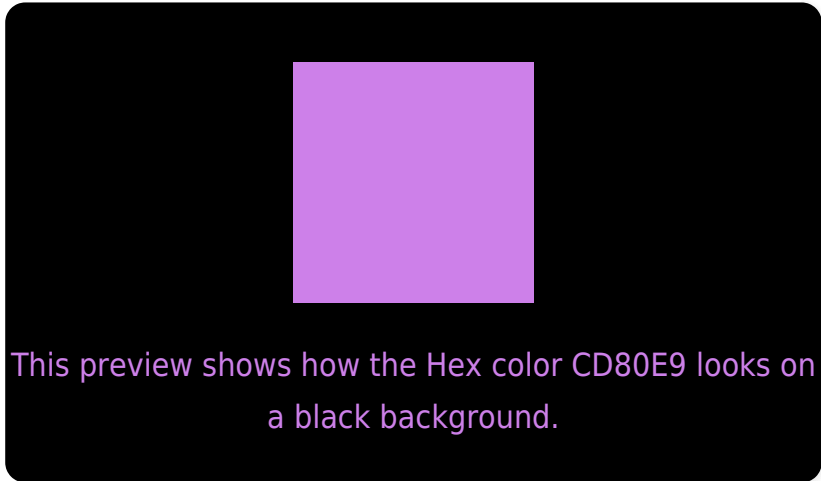
Large Text (above 18pt) WCAG AA × Fail

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

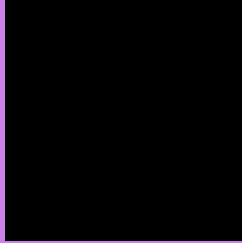
Any Text WCAG AA ✓ Pass

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 CD80E9 Background



This preview shows how black text looks on a background with the Hex color CD80E9.

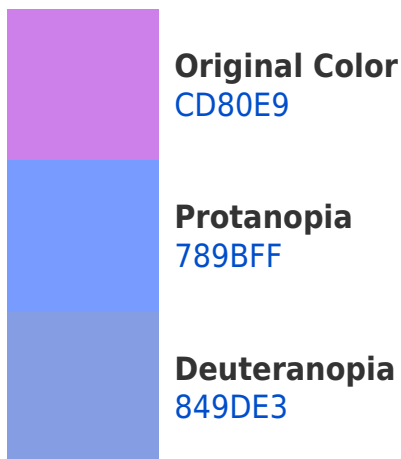



This preview shows how white text looks on a background with the Hex color CD80E9.

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
C2919D

Trichromacy



Original Color
CD80E9



Protanomaly
9791F7



Deuteranomaly
9F92E5

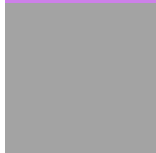


Tritanomaly
C68BB9

Monochromacy



Original Color
CD80E9



Achromatopsia
A3A3A3



Achromatomaly
B296BC

CSS Examples

Text

The CSS property to change the color of the text to Hex CD80E9 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 #CD80E9 looks like.

```
.text, #text, p{  
    color:#CD80E9  
}
```

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 #CD80E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD80E9
}
```

Border

The CSS property to change the border of an element to Hex CD80E9 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
#CD80E9 }
```

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

```
.border{ border-color:#CD80E9 }
```

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

Here you see how a box with a 4 pixel #CD80E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD80E9; -webkit-box-shadow:4px 4px  
4px 4px #CD80E9; box-shadow:4px 4px 4px  
4px #CD80E9 }
```

Background

The CSS property to change the background color of an element to Hex CD80E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD80E9 }
```

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

```
.background{ background-color:#CD80E9 }
```

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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