

# Converting Colors

Hex(CD8CF4)

Have a look what the booklet for  
Hex(CD8CF4) contains.

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# **Color**

**Hex(CD8CF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD8CF4
RGB	205, 140, 244
RGB Percent	80%, 55%, 96%
CMY	0.1961, 0.4510, 0.0431
CMYK	0.16, 0.43, 0.00, 0.04
HSL	278°, 83%, 75%
HSV	278°, 43%, 96%
XYZ	50.8841, 38.2670, 90.2923
YIQ	171.2910, 5.3560, 46.1240

# Conversions

## Conversions Part 2

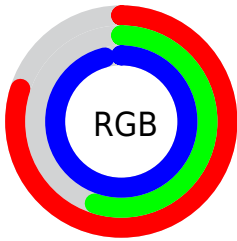
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 140, 244
Decimal	13470964
CIE Lab	68.22, 42.99, -42.70
CIE LCh	68, 60.590, 315.194
Yxy	38.2670, 0.2836, 0.2133
Android (android.graphics.Color)	4291661044 (0xFFCD8CF4)
YUV	171.2910, 35.8455, 29.5628
Hunter-Lab	61.8603, 38.5722, -43.2385

# Details

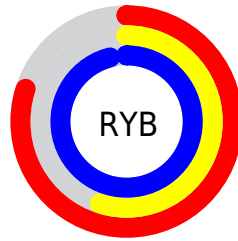
The Hex color **CD8CF4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B3F48C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC3FF**, and **9558BB** is the 20% darker color. If you saturate the color by 10%, you get **C474F4**, and if you desaturate by 10%, it is **D6A4F4**.

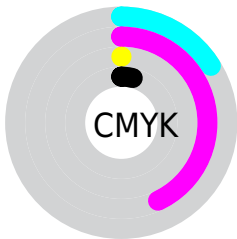
# Distribution



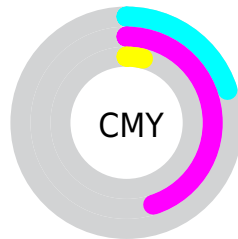
- Red (80%)
- Green (55%)
- Blue (96%)



- Red (80%)
- Yellow (55%)
- Blue (96%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (45%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD8CF4 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 CD8CF4 by changing the saturation by 10% instead.



 CD8CF4

 CD8CF4

FFFFFF

 B172D7

 FFC3FF

 9558BB

 FFDFFF

 7A3FA0

 FFFCFF

 5F2685

 450A6C

 2B0053

 15003B

 000224

 00000C

 CD8CF4

 CD8CF4

 C474F4

 D6A4F4

 BB5BF4

 DFBDF4

 B243F4

 E8D5F4

 A82AF4

 F2EEF4

 9F12F4

 FBFFF4

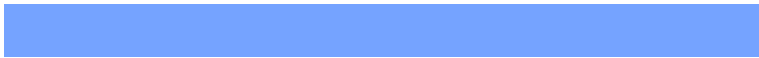
 9900F4

 FFFFF4

# Harmonies

## Analogous

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



75A3FF



CD8CF4



FC78C4

# Triad

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



CD8CF4



DA9A37



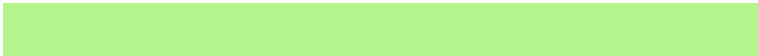
00C1C1

# Complementary

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



CD8CF4



B3F48C

# 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.



00BF88



CD8CF4



A9AC33

# Square

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



CD8CF4



FD845B



6BB955



00BEF3

# Rectangle

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



CD8CF4



FF749F



6BB955



00C1AE



# Sweetspot

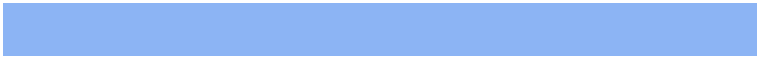
The Sweet Spot groups the original color and five complimentary colors.



CD8CF4



F3DEFF



8CB4F4



786B80



000000



808080



# Same Dimension

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



CD8CF4



CE7DFF



F48CE8



766E7A



7400BA



25003B



# Inverse Universe

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



F48CB3



FF7DAE



8CF498



7A6E73



BA0046



3B0016



# Previews

## White Background



This preview shows how the Hex color CD8CF4 looks on a white background.

## Color Contrast Check

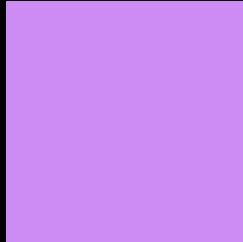
Large Text (above 18pt) WCAG AA × Fail

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 CD8CF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

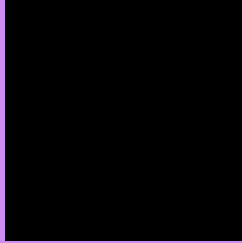
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CD8CF4 Background



This preview shows how black text looks on a background with the Hex color CD8CF4.

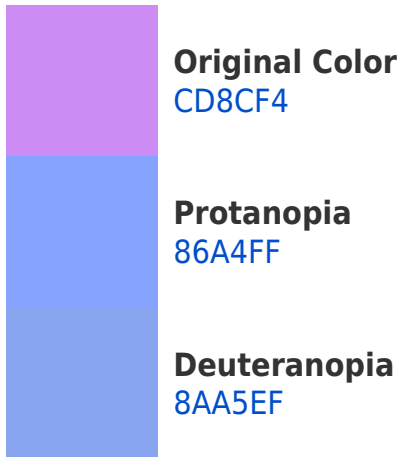


This preview shows how white text looks on a background with the Hex color CD8CF4.

# 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](#).

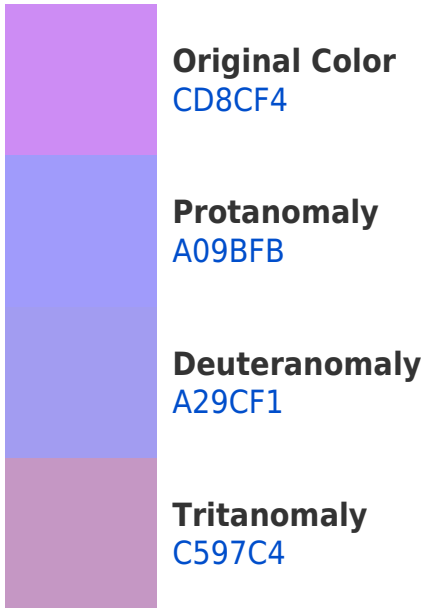
## Dichromacy



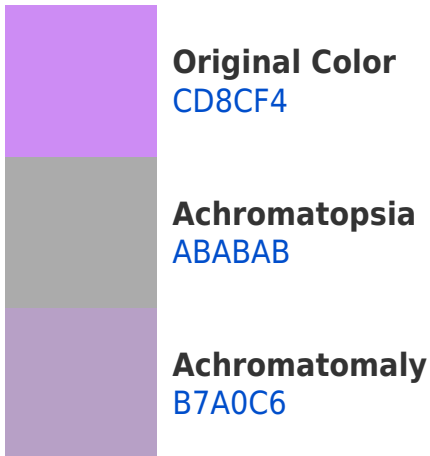


**Tritanopia**  
C19DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD8CF4 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 #CD8CF4 looks like.

```
.text, #text, p{  
    color:#CD8CF4  
}
```

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 #CD8CF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8CF4
}
```

## Border

The CSS property to change the border of an element to Hex CD8CF4 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
#CD8CF4 }
```

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

```
.border{ border-color:#CD8CF4 }
```

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

Here you see how a box with a 4 pixel #CD8CF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8CF4; -webkit-box-shadow:4px 4px  
4px 4px #CD8CF4; box-shadow:4px 4px 4px  
4px #CD8CF4 }
```

# Background

The CSS property to change the background color of an element to Hex CD8CF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8CF4 }
```

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

```
.background{ background-color:#CD8CF4 }
```

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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