

Converting Colors

Hex(CD8DF0)

Have a look what the booklet for
Hex(CD8DF0) contains.

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Color

Hex(CD8DF0)

Conversions

Conversions Part 1

Format	Color
Hex	CD8DF0
RGB	205, 141, 240
RGB Percent	80%, 55%, 94%
CMY	0.1961, 0.4471, 0.0588
CMYK	0.15, 0.41, 0.00, 0.06
HSL	279°, 77%, 75%
HSV	279°, 41%, 94%
XYZ	50.4299, 38.3202, 87.1767
YIQ	171.4220, 6.3650, 44.3570

Conversions

Conversions Part 2

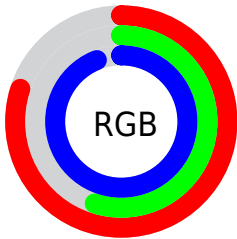
Format	Color
RYB	205, 141, 240
Decimal	13471216
CIELab	68.26, 41.61, -40.44
CIELCh	68, 58.026, 315.813
Yxy	38.3202, 0.2867, 0.2178
Android (android.graphics.Color)	4291661296 (0xFFCD8DF0)
YUV	171.4220, 33.8090, 29.4479
Hunter-Lab	61.9033, 37.0854, -40.1642

Details

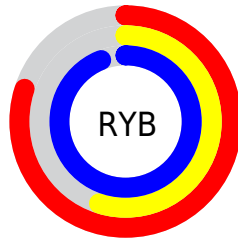
The Hex color **CD8DF0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B0F08D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC4FF**, and **9559B8** is the 20% darker color. If you saturate the color by 10%, you get **C575F0**, and if you desaturate by 10%, it is **D5A5F0**.

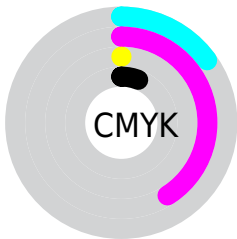
Distribution



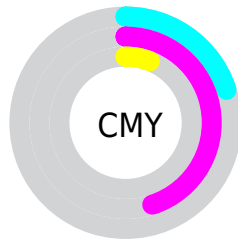
- Red (80%)
- Green (55%)
- Blue (94%)



- Red (80%)
- Yellow (55%)
- Blue (94%)



- Cyan (15%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD8DF0 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 CD8DF0 by changing the saturation by 10% instead.

 CD8DF0

 CD8DF0

FFFFFF

 B173D3

 FFC4FF

 9559B8

 FFE0FF

 7A409C

 FFFDFD

 602782

 460D68

 2C0050

 170038

 000222

 000007

 CD8DF0

 CD8DF0

 C575F0

 D5A5F0

 BC5DF0

 DEBDF0

 B445F0

 E6D5F0

 AB2DF0

 EFEDF0

 A315F0

 F7FFF0

 9B00F0

 FFFFF0

Harmonies

Analogous

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



7CA2FF



CD8DF0



FA7BC2

Triad

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



CD8DF0



D89B3D



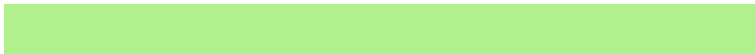
00C0C1

Complementary

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



CD8DF0



B0F08D

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.



00BF8B



CD8DF0



A9AC3A

Square

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



CD8DF0



FA875D



6DB85A



00BDF0

Rectangle

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



CD8DF0



FF779E



6DB85A



00C0AF

Sweetspot

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



CD8DF0



F4E0FF



8DB1F0



796E80



000000



808080

Same Dimension

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



CD8DF0



D280FF



F08DE3



746C78



7700B8



240038

Inverse Universe

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



F08DB0



FF80AD



8DF09A



786C70



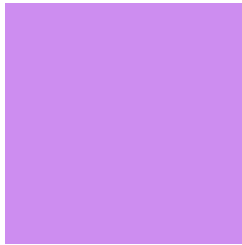
B80041



380014

Previews

White Background



This preview shows how the Hex color CD8DF0 looks on a white background.

Color Contrast Check

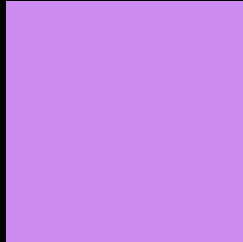
Large Text (above 18pt) WCAG AA × Fail

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 CD8DF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

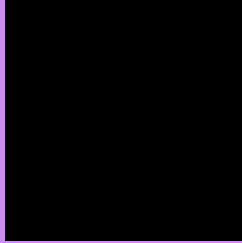
Any Text WCAG AA ✓ Pass

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 CD8DF0 Background



This preview shows how black text looks on a background with the Hex color CD8DF0.

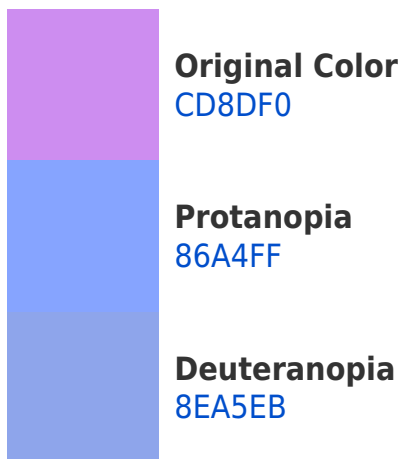


This preview shows how white text looks on a background with the Hex color CD8DF0.

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](#).

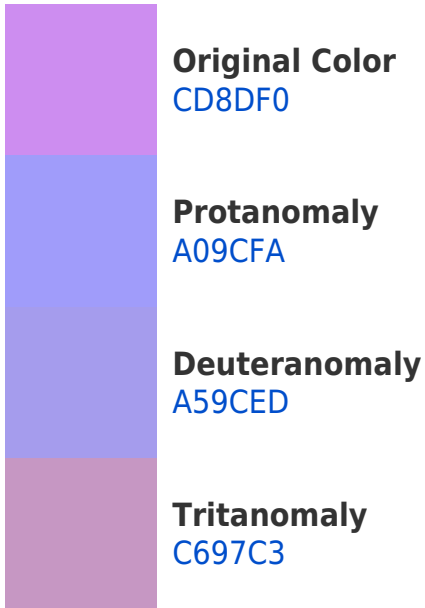
Dichromacy



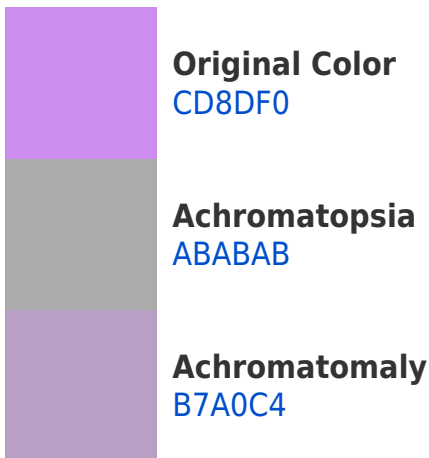


Tritanopia
C29CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD8DF0 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 #CD8DF0 looks like.

```
.text, #text, p{  
    color:#CD8DF0  
}
```

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 #CD8DF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8DF0
}
```

Border

The CSS property to change the border of an element to Hex CD8DF0 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
#CD8DF0 }
```

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

```
.border{ border-color:#CD8DF0 }
```

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

Here you see how a box with a 4 pixel #CD8DF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8DF0; -webkit-box-shadow:4px 4px  
4px 4px #CD8DF0; box-shadow:4px 4px 4px  
4px #CD8DF0 }
```

Background

The CSS property to change the background color of an element to Hex CD8DF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8DF0 }
```

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

```
.background{ background-color:#CD8DF0 }
```

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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