

Converting Colors

Hex(CE4DFD)

Have a look what the booklet for
Hex(CE4DFD) contains.

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Color

Hex(CE4DFD)

Conversions

Conversions Part 1

Format	Color
Hex	CE4DFD
RGB	206, 77, 253
RGB Percent	81%, 30%, 99%
CMY	0.1922, 0.6980, 0.0078
CMYK	0.19, 0.70, 0.00, 0.01
HSL	284°, 98%, 65%
HSV	284°, 70%, 99%
XYZ	45.8371, 25.5214, 95.4387
YIQ	135.6350, 20.3880, 82.0840

Conversions

Conversions Part 2

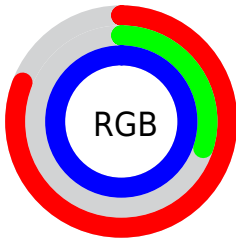
Format	Color
R _Y B	206, 77, 253
Decimal	13520381
CIE Lab	57.58, 74.94, -64.54
CIE LCh	58, 98.906, 319.265
Yxy	25.5214, 0.2748, 0.1530
Android (android.graphics.Color)	4291710461 (0xFFCE4DFD)
YUV	135.6350, 57.8609, 61.7101
Hunter-Lab	50.5187, 73.5504, -76.6461

Details

The Hex color **CE4DFD** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **7CFD4D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF87FF**, and **9300C3** is the 20% darker color. If you saturate the color by 10%, you get **C734FD**, and if you desaturate by 10%, it is **D566FD**.

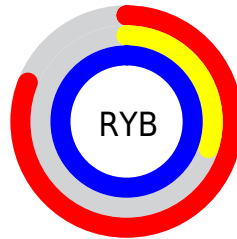
Distribution



Red (81%)

Green (30%)

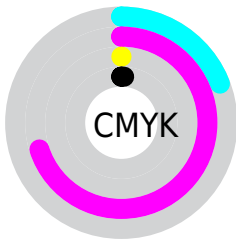
Blue (99%)



Red (81%)

Yellow (30%)

Blue (99%)

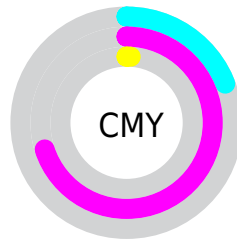


Cyan (19%)

Magenta (70%)

Yellow (0%)

Black (1%)



Cyan (19%)

Magenta (70%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE4DFD 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 CE4DFD by changing the saturation by 10% instead.

 CE4DFD

 CE4DFD

FFFFFF

 B02CE0

 FF87FF

 9300C3

 FFA4FF

 7600A7

 FFC1FF

 59008C

 FFDFFF

 3B0072

 FFFDFD

 1D0059

 000040

 000329

 000113

 CE4DFD

 CE4DFD

 C734FD

 D566FD

 C01AFD

 DC80FD

 BA01FD

 E299FD

 B900FD

 E9B2FD

 F0CCFD

 F7E5FD

 FDFEFD

 FFFFFD

Harmonies

Analogous

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



0082FF



CE4DFD



FF00AD

Triad

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



CE4DFD



C27C00



00ADC2

Complementary

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



CE4DFD



7CFD4D

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.



00AB67



CE4DFD



749700

Square

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



CE4DFD



FB4B00



00A500



00ABFF

Rectangle

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



CE4DFD



FF0074



00A500



00ADA4

Sweetspot

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



CE4DFD



F1C9FF



4D7FFD



776080



000000



808080

Same Dimension

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



CE4DFD



C62BFF



FD4DD7



7C7380



8C00BF



2F0040

Inverse Universe

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



FD4D7C



FF2B64



4DFD73



807376



BF0033



400011

Previews

White Background



This preview shows how the Hex color CE4DFD looks on a white background.

Color Contrast Check

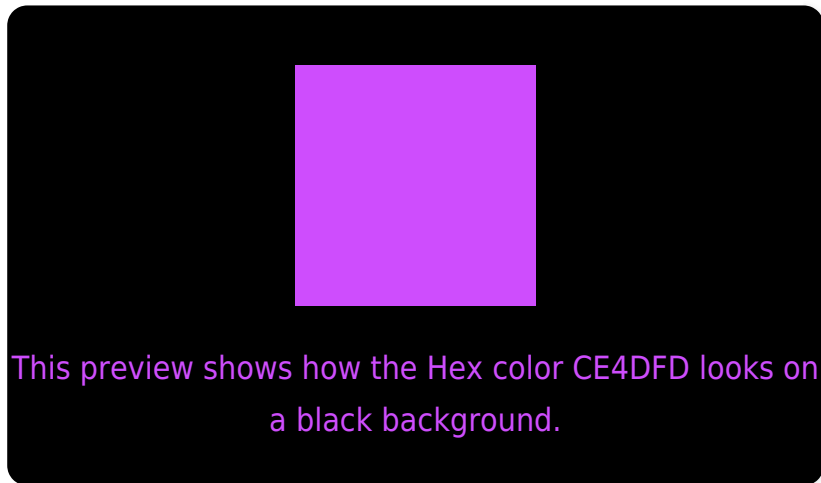
Large Text (above 18pt) WCAG AA ✓ Pass

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

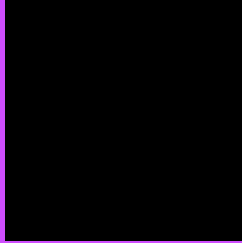
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex CE4DFD Background



This preview shows how black text looks on a background with the Hex color CE4DFD.

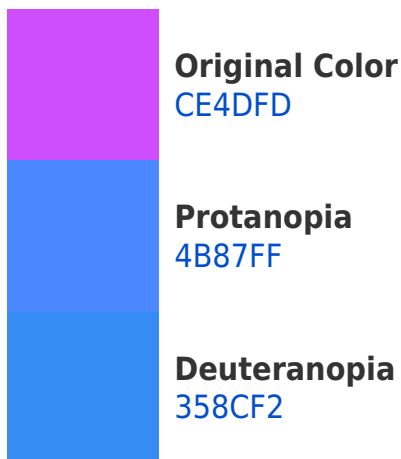


This preview shows how white text looks on a background with the Hex color CE4DFD.

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
BC7780

Trichromacy



Original Color
CE4DFD



Protanomaly
7B72FE



Deuteranomaly
6D75F6



Tritanomaly
C368AD

Monochromacy



Original Color
CE4DFD



Achromatopsia
888888



Achromatomaly
A173B3

CSS Examples

Text

The CSS property to change the color of the text to Hex CE4DFD 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 #CE4DFD looks like.

```
.text, #text, p{  
    color:#CE4DFD  
}
```

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 #CE4DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4DFD
}
```

Border

The CSS property to change the border of an element to Hex CE4DFD 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
#CE4DFD }
```

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

```
.border{ border-color:#CE4DFD }
```

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

Here you see how a box with a 4 pixel #CE4DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4DFD; -webkit-box-shadow:4px 4px  
4px 4px #CE4DFD; box-shadow:4px 4px 4px  
4px #CE4DFD }
```

Background

The CSS property to change the background color of an element to Hex CE4DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4DFD }
```

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

```
.background{ background-color:#CE4DFD }
```

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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