

Converting Colors

Hex(CD4FF2)

Have a look what the booklet for
Hex(CD4FF2) contains.

Hex(CD4FF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CD4FF2)

Conversions

Conversions Part 1

Format	Color
Hex	CD4FF2
RGB	205, 79, 242
RGB Percent	80%, 31%, 95%
CMY	0.1961, 0.6902, 0.0510
CMYK	0.15, 0.67, 0.00, 0.05
HSL	286°, 86%, 63%
HSV	286°, 67%, 95%
XYZ	43.9998, 24.9819, 86.5073
YIQ	135.2560, 22.7730, 77.4050

Conversions

Conversions Part 2

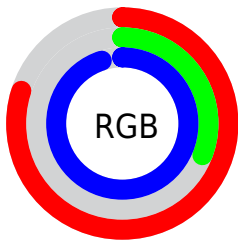
Format	Color
R _Y B	205, 79, 242
Decimal	13455346
CIE Lab	57.06, 71.88, -59.28
CIE LCh	57, 93.172, 320.491
Yxy	24.9819, 0.2830, 0.1607
Android (android.graphics.Color)	4291645426 (0xFFCD4FF2)
YUV	135.2560, 52.6248, 61.1655
Hunter-Lab	49.9819, 69.6679, -67.6302

Details

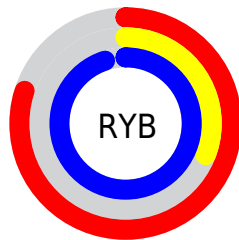
The Hex color **CD4FF2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed magenta. A complement of this color would be **74F24F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF89FF**, and **9200B9** is the 20% darker color. If you saturate the color by 10%, you get **C837F2**, and if you desaturate by 10%, it is **D267F2**.

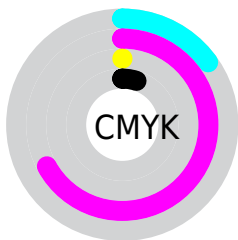
Distribution



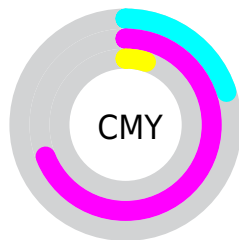
- Red (80%)
- Green (31%)
- Blue (95%)



- Red (80%)
- Yellow (31%)
- Blue (95%)



- Cyan (15%)
- Magenta (67%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (69%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD4FF2 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 CD4FF2 by changing the saturation by 10% instead.

 CD4FF2

 CD4FF2

FFFFFF

 B030D5

 FF89FF

 9200B9

 FFA5FF

 76009D

 FFC2FF

 590083

 FFE0FF

 3C0069

 FFFDFD

 200050

 000038

 000221

 000006

 CD4FF2

 CD4FF2

 C837F2

 D267F2

 C21FF2

 D87FF2

 BD06F2

 DD98F2

 BB00F2

 E3B0F2

 E8C8F2

 EEE0F2

 F3F8F2

 F9FFF2

 FEFFF2

Harmonies

Analogous

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



0080FF



CD4FF2



FF00A6

Triad

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



CD4FF2



BC7D00



00AAC0

Complementary

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



CD4FF2



74F24F

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.



00A96B



CD4FF2



719600

Square

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



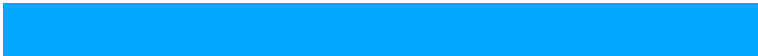
CD4FF2



F35200



00A300



00A8FF

Rectangle

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



CD4FF2



FF0071



00A300



00AAA5

Sweetspot

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



CD4FF2



F3CCFF



4F75F2



796180



000000



808080

Same Dimension

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



CD4FF2



D030FF



F24FC7



756C78



8E00B8



2B0038

Inverse Universe

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



F24F74



FF305F



4FF27A



786C6F



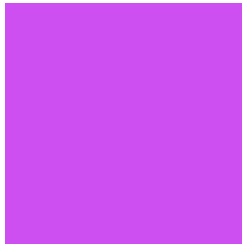
B8002A



38000D

Previews

White Background



This preview shows how the Hex color CD4FF2 looks on a white background.

Color Contrast Check

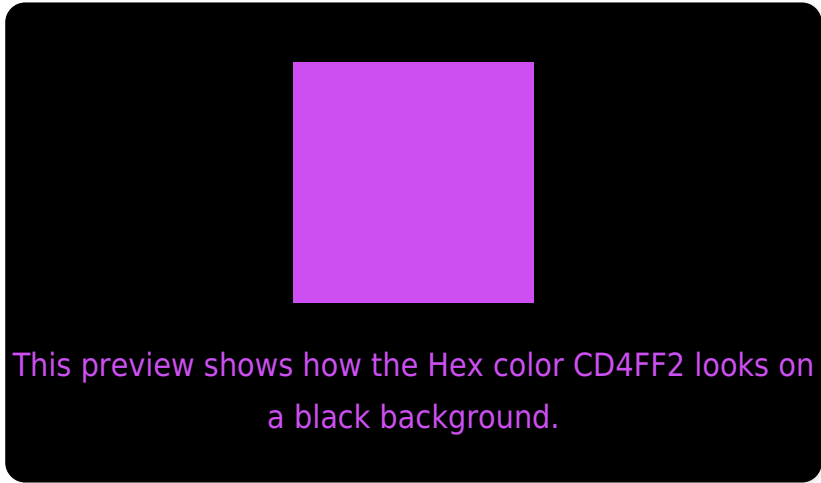
Large Text (above 18pt) WCAG AA ✓ Pass

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

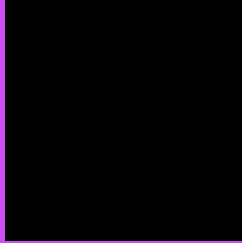
Any Text WCAG AA ✓ Pass

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 CD4FF2 Background



This preview shows how black text looks on a background with the Hex color CD4FF2.

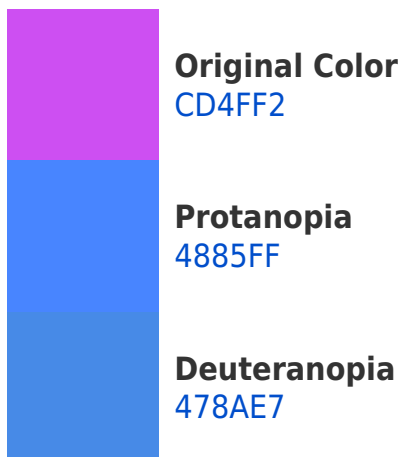


This preview shows how white text looks on a background with the Hex color CD4FF2.

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
BC747D

Trichromacy



Original Color
CD4FF2



Protanomaly
7871FA



Deuteranomaly
7875EB



Tritanomaly
C267A8

Monochromacy



Original Color
CD4FF2



Achromatopsia
878787



Achromatomaly
A073AE

CSS Examples

Text

The CSS property to change the color of the text to Hex CD4FF2 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 #CD4FF2 looks like.

```
.text, #text, p{  
    color:#CD4FF2  
}
```

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 #CD4FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4FF2
}
```

Border

The CSS property to change the border of an element to Hex CD4FF2 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
#CD4FF2 }
```

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

```
.border{ border-color:#CD4FF2 }
```

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

Here you see how a box with a 4 pixel #CD4FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4FF2; -webkit-box-shadow:4px 4px  
4px 4px #CD4FF2; box-shadow:4px 4px 4px  
4px #CD4FF2 }
```

Background

The CSS property to change the background color of an element to Hex CD4FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4FF2 }
```

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

```
.background{ background-color:#CD4FF2 }
```

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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