

Converting Colors

Hex(CD2DFF)

Have a look what the booklet for
Hex(CD2DFF) contains.

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Color

Hex(CD2DFF)

Conversions

Conversions Part 1

Format	Color
Hex	CD2DFF
RGB	205, 45, 255
RGB Percent	80%, 18%, 100%
CMY	0.1961, 0.8235, 0.0000
CMYK	0.20, 0.82, 0.00, 0.00
HSL	286°, 100%, 59%
HSV	286°, 82%, 100%
XYZ	44.1652, 22.0759, 96.5411
YIQ	116.7800, 27.9500, 99.2300

Conversions

Conversions Part 2

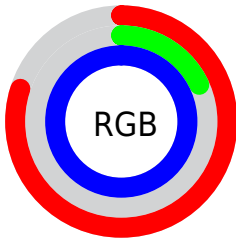
Format	Color
RYB	205, 45, 255
Decimal	13446655
CIELab	54.11, 85.09, -71.26
CIELCh	54, 110.987, 320.052
Yxy	22.0759, 0.2713, 0.1356
Android (android.graphics.Color)	4291636735 (0xFFCD2DFF)
YUV	116.7800, 68.1425, 77.3689
Hunter-Lab	46.9850, 85.5636, -88.9349

Details

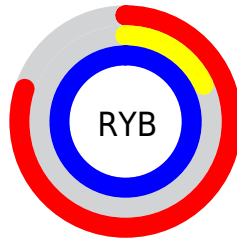
The Hex color **CD2DFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **5FFF2D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF70FF**, and **9100C5** is the 20% darker color. If you saturate the color by 10%, you get **C714FF**, and if you desaturate by 10%, it is **D347FF**.

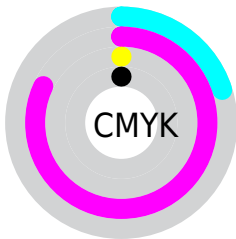
Distribution



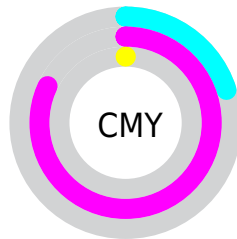
- Red (80%)
- Green (18%)
- Blue (100%)



- Red (80%)
- Yellow (18%)
- Blue (100%)



- Cyan (20%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD2DFF 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 CD2DFF by changing the saturation by 10% instead.

 CD2DFF

 CD2DFF

FFFFFF

 AF00E2

 FF70FF

 9100C5

 FF8EFF

 7300A9

 FFACFF

 55008E

 FFCAFF

 360073

 FFE8FF

 10005A

 000041

 00032A

 000114

 CD2DFF

 CD2DFF

 C714FF

 D347FF

 C200FF

 D960FF

 DF7AFF

 E593FF

 EBADFF

 F1C6FF

 F8E0FF

 FEF9FF

FFFFFF

Harmonies

Analogous

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



0078FF



CD2DFF



FF00A6

Triad

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



CD2DFF



B87200



00A6C1

Complementary

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



CD2DFF



5FFF2D

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.



00A35D



CD2DFF



5F9000

Square

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



CD2DFF



F83100



009D00



00A4FF

Rectangle

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



CD2DFF



FF0067



009D00



00A5A1

Sweetspot

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



CD2DFF



F0BFFF



2D62FF



765980



000000



808080

Same Dimension

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



CD2DFF



C303FF



FF2DCB



7C7380



9200BF



310040

Inverse Universe

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



FF2D5F



FF033F



2DFF62



807376



BF002E



40000F

Previews

White Background



This preview shows how the Hex color CD2DFF looks on a white background.

Color Contrast Check

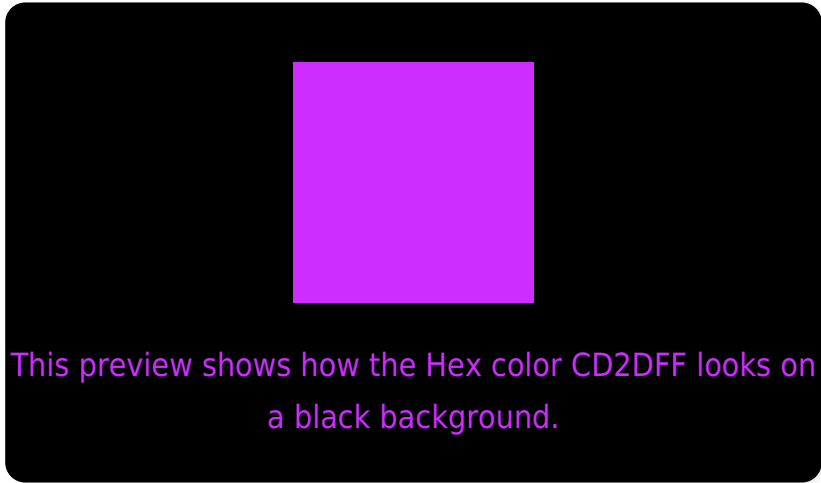
Large Text (above 18pt) WCAG AA ✓ Pass

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

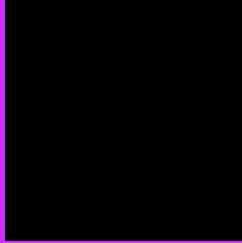
Any Text WCAG AA ✓ Pass

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 CD2DFF Background



This preview shows how black text looks on a background with the Hex color CD2DFF.

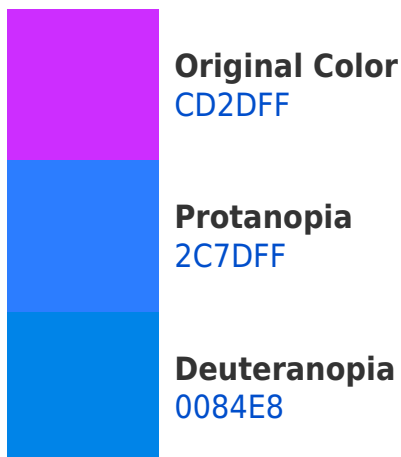


This preview shows how white text looks on a background with the Hex color CD2DFF.

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](#).

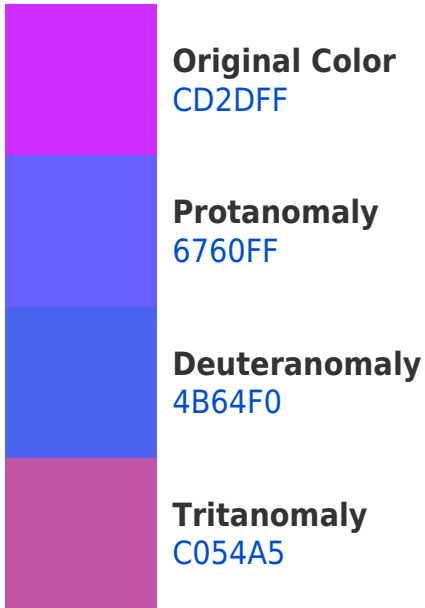
Dichromacy



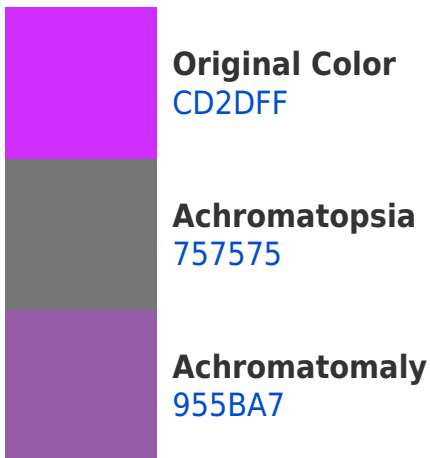


Tritanopia
B96A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD2DFF 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 #CD2DFF looks like.

```
.text, #text, p{  
    color:#CD2DFF  
}
```

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 #CD2DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2DFF
}
```

Border

The CSS property to change the border of an element to Hex CD2DFF 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
#CD2DFF }
```

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

```
.border{ border-color:#CD2DFF }
```

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

Here you see how a box with a 4 pixel #CD2DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2DFF; -webkit-box-shadow:4px 4px  
4px 4px #CD2DFF; box-shadow:4px 4px 4px  
4px #CD2DFF }
```

Background

The CSS property to change the background color of an element to Hex CD2DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2DFF }
```

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

```
.background{ background-color:#CD2DFF }
```

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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