

Converting Colors

Hex(4CD2F7)

Have a look what the booklet for
Hex(4CD2F7) contains.

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Color

Hex(4CD2F7)

Conversions

Conversions Part 1

Format	Color
Hex	4CD2F7
RGB	76, 210, 247
RGB Percent	30%, 82%, 97%
CMY	0.7020, 0.1765, 0.0314
CMYK	0.69, 0.15, 0.00, 0.03
HSL	193°, 91%, 63%
HSV	193°, 69%, 97%
XYZ	42.8156, 54.3451, 96.2287
YIQ	174.1520, -91.7410, -16.9010

Conversions

Conversions Part 2

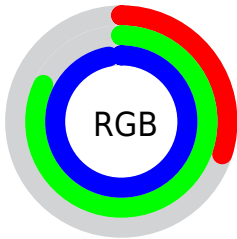
Format	Color
RYB	76, 151, 247
Decimal	5034743
CIELab	78.66, -24.74, -28.72
CIELCh	79, 37.907, 229.256
Yxy	54.3451, 0.2214, 0.2810
Android (android.graphics.Color)	4283224823 (0xFF4CD2F7)
YUV	174.1520, 35.9141, -86.0793
Hunter-Lab	73.7191, -25.3368, -25.7904

Details

The Hex color **4CD2F7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F7714C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **90FFFF**, and **009BBF** is the 20% darker color. If you saturate the color by 10%, you get **33CDF7**, and if you desaturate by 10%, it is **65D7F7**.

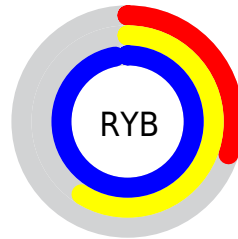
Distribution



Red (30%)

Green (82%)

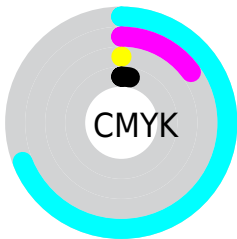
Blue (97%)



Red (30%)

Yellow (59%)

Blue (97%)

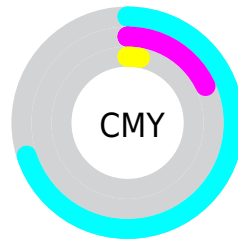


Cyan (69%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (70%)

Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD2F7 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 4CD2F7 by changing the saturation by 10% instead.

 4CD2F7

 4CD2F7

FFFFFF

 1BB6DA

 90FFFF

 009BBF

 AFFFFFFF

 0081A3

 CEFFFF

 006889

 EDFFFF

 004F6F

 003857

 00233F

 000329

 000114

■ 4CD2F7

■ 4CD2F7

■ 33CDF7

■ 65D7F7

■ 1BC7F7

■ 7DDDF7

■ 02C2F7

■ 96E2F7

■ 00C2F7

■ AFE7F7

■ C7EDF7

■ E0F2F7

■ F9F7F7

■ FFFDF7

■ FFFFF7

Harmonies

Analogous

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



49D6D9



4CD2F7



7DCAFF

Triad

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



4CD2F7



FFA9D1



C4C87F

Complementary

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



4CD2F7



F7714C

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.



E6BC7E



4CD2F7



FFA9AD

Square

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



4CD2F7



E3B2F1



FFB08F



9BD094

Rectangle

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



4CD2F7



A3C2FF



FFB08F



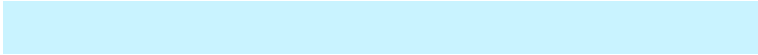
D0C47C

Sweetspot

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



4CD2F7



C9F3FF



4CF76E



607980



000000



808080

Same Dimension

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



4CD2F7



2BD1FF



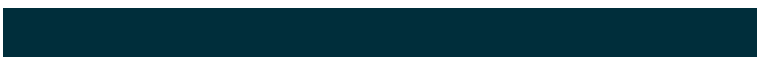
4C7FF7



6E787A



0092BA



002E3B

Inverse Universe

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



F74CD2



FF2BD1



F7C44C



7A6E78



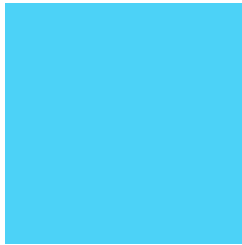
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 4CD2F7 looks on a white background.

Color Contrast Check

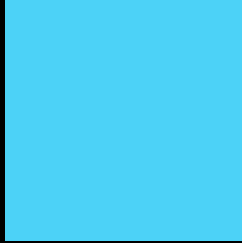
Large Text (above 18pt) WCAG AA × Fail

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 4CD2F7 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 4CD2F7 Background



This preview shows how black text looks on a background with the Hex color 4CD2F7.



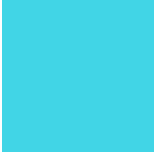
This preview shows how white text looks on a background with the Hex color 4CD2F7.

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](#).

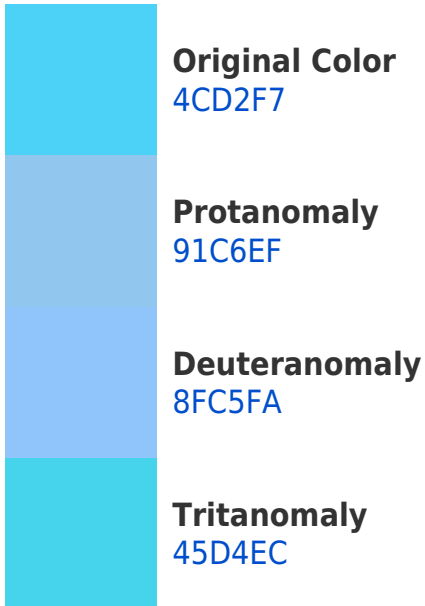
Dichromacy



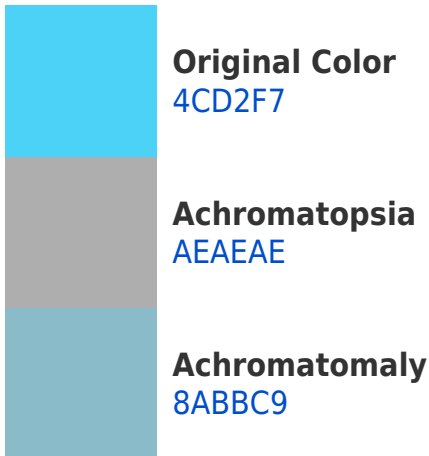


Tritanopia
41D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD2F7 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 #4CD2F7 looks like.

```
.text, #text, p{  
    color:#4CD2F7  
}
```

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 #4CD2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD2F7
}
```

Border

The CSS property to change the border of an element to Hex 4CD2F7 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
#4CD2F7 }
```

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

```
.border{ border-color:#4CD2F7 }
```

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

Here you see how a box with a 4 pixel #4CD2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD2F7; -webkit-box-shadow:4px 4px  
4px 4px #4CD2F7; box-shadow:4px 4px 4px  
4px #4CD2F7 }
```

Background

The CSS property to change the background color of an element to Hex 4CD2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD2F7 }
```

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

```
.background{ background-color:#4CD2F7 }
```

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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