

Converting Colors

Hex(4CD3FD)

Have a look what the booklet for
Hex(4CD3FD) contains.

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Color

Hex(4CD3FD)

Conversions

Conversions Part 1

Format	Color
Hex	4CD3FD
RGB	76, 211, 253
RGB Percent	30%, 83%, 99%
CMY	0.7020, 0.1725, 0.0078
CMYK	0.70, 0.17, 0.00, 0.01
HSL	194°, 98%, 65%
HSV	194°, 70%, 99%
XYZ	44.0044, 55.2169, 101.2672
YIQ	175.4230, -93.9420, -15.5580

Conversions

Conversions Part 2

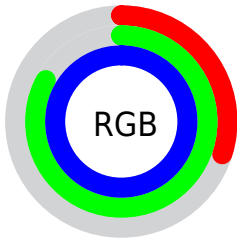
Format	Color
RYB	76, 153, 253
Decimal	5035005
CIELab	79.17, -23.40, -31.14
CIElCh	79, 38.953, 233.086
Yxy	55.2169, 0.2195, 0.2754
Android (android.graphics.Color)	4283225085 (0xFF4CD3FD)
YUV	175.4230, 38.2455, -87.1940
Hunter-Lab	74.3081, -24.3335, -28.7849

Details

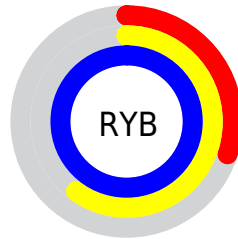
The Hex color **4CD3FD** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FD764C**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **90FFFF**, and **009CC4** is the 20% darker color. If you saturate the color by 10%, you get **33CDFD**, and if you desaturate by 10%, it is **65D9FD**.

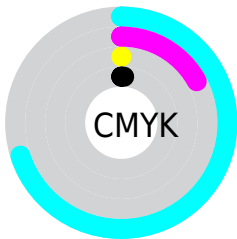
Distribution



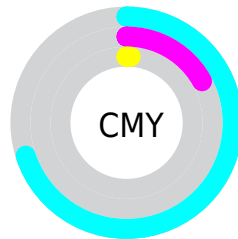
- Red (30%)
- Green (83%)
- Blue (99%)



- Red (30%)
- Yellow (60%)
- Blue (99%)



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (70%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD3FD 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 4CD3FD by changing the saturation by 10% instead.

 4CD3FD

 4CD3FD

FFFFFF

 19B7E0

 90FFFF

 009CC4

 B0FFFF

 0082A9

 CFFFFFF

 00698E

 EFFFFFF

 005075

 00395C

 002444

 00032E

 000118

■ 4CD3FD

■ 4CD3FD

■ 33CDFD

■ 65D9FD

■ 19C7FD

■ 7FDFFD

■ 00C1FD

■ 98E5FD

■ B1EBFD

■ CBF1FD

■ E4F7FD

■ FDFDFD

FFFFFD

Harmonies

Analogous

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



41D7DF



4CD3FD



83CAFF

Triad

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



4CD3FD



FFA9CE



C0CA80

Complementary

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



4CD3FD



FD764C

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.



E4BF7C



4CD3FD



FFAAA9

Square

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



4CD3FD



EAB1F0



FFB38B



96D397

Rectangle

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



4CD3FD



AAC2FF



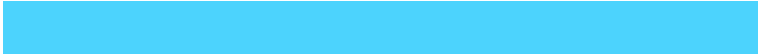
FFB38B



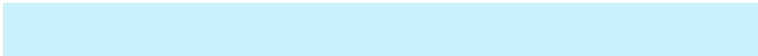
CDC77D

Sweetspot

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



4CD3FD



C9F2FF



4CFD75



607880



000000



808080

Same Dimension

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



4CD3FD



29CCFF



4C7BFD



737C80



0092BF



003140

Inverse Universe

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



FD4CD3



FF29CC



FDCE4C



80737C



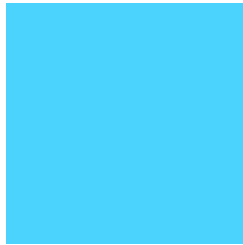
BF0092



400031

Previews

White Background



This preview shows how the Hex color 4CD3FD looks on a white background.

Color Contrast Check

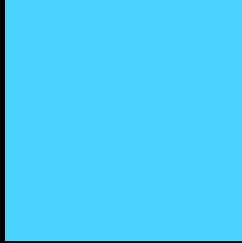
Large Text (above 18pt) WCAG AA × Fail

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 4CD3FD 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 4CD3FD Background



This preview shows how black text looks on a background with the Hex color 4CD3FD.

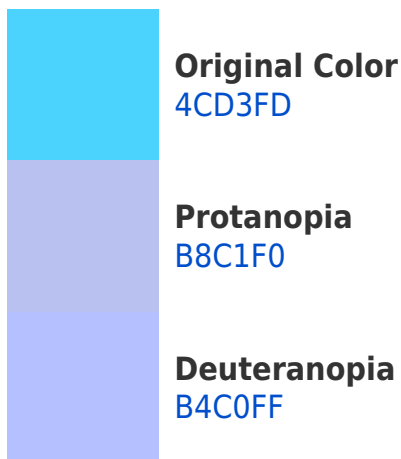


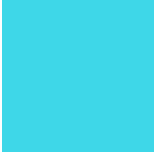
This preview shows how white text looks on a background with the Hex color 4CD3FD.

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](#).

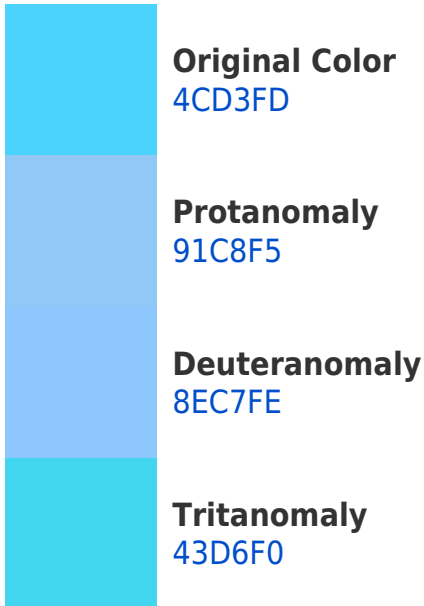
Dichromacy



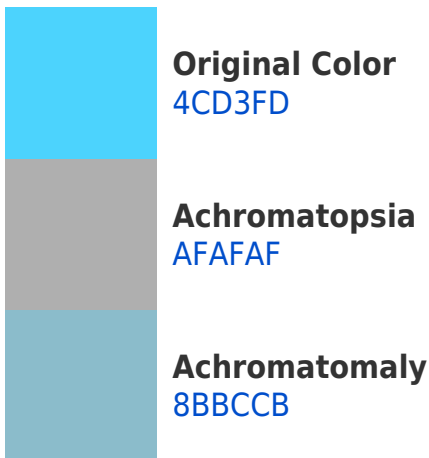


Tritanopia
3ED7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD3FD 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 #4CD3FD looks like.

```
.text, #text, p{  
    color:#4CD3FD  
}
```

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 #4CD3FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD3FD
}
```

Border

The CSS property to change the border of an element to Hex 4CD3FD 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
#4CD3FD }
```

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

```
.border{ border-color:#4CD3FD }
```

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

Here you see how a box with a 4 pixel #4CD3FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD3FD; -webkit-box-shadow:4px 4px  
4px 4px #4CD3FD; box-shadow:4px 4px 4px  
4px #4CD3FD }
```

Background

The CSS property to change the background color of an element to Hex 4CD3FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD3FD }
```

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

```
.background{ background-color:#4CD3FD }
```

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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