

Converting Colors

Hex(4CD6FE)

Have a look what the booklet for
Hex(4CD6FE) contains.

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Color

Hex(4CD6FE)

Conversions

Conversions Part 1

Format	Color
Hex	4CD6FE
RGB	76, 214, 254
RGB Percent	30%, 84%, 100%
CMY	0.7020, 0.1608, 0.0039
CMYK	0.70, 0.16, 0.00, 0.00
HSL	193°, 99%, 65%
HSV	193°, 70%, 100%
XYZ	44.9165, 56.7854, 102.3593
YIQ	177.2980, -95.0880, -16.8160

Conversions

Conversions Part 2

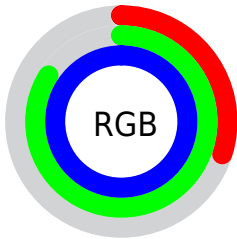
Format	Color
RYB	76, 154, 254
Decimal	5035774
CIELab	80.06, -24.59, -30.30
CIELCh	80, 39.026, 230.943
Yxy	56.7854, 0.2201, 0.2783
Android (android.graphics.Color)	4283225854 (0xFF4CD6FE)
YUV	177.2980, 37.8141, -88.8383
Hunter-Lab	75.3561, -25.4771, -27.7868

Details

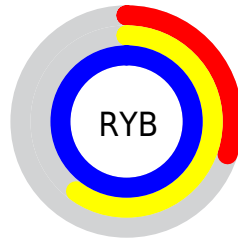
The Hex color **4CD6FE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FE744C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **91FFFF**, and **009FC5** is the 20% darker color. If you saturate the color by 10%, you get **33D0FE**, and if you desaturate by 10%, it is **65DCFE**.

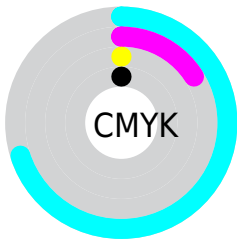
Distribution



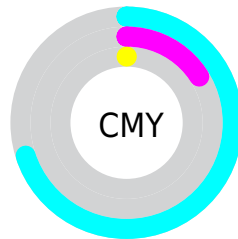
- Red (30%)
- Green (84%)
- Blue (100%)



- Red (30%)
- Yellow (60%)
- Blue (100%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD6FE 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 4CD6FE by changing the saturation by 10% instead.

 4CD6FE

 4CD6FE

FFFFFF

 18BAE1

 91FFFF

 009FC5

 B0FFFF

 0085AA

 D0FFFF

 006B8F

 EFFFFF

 005375

 003B5D

 002645

 00042F

 000119

 4CD6FE

 4CD6FE

 33D0FE

 65DCFE

 19CBFE

 7FE1FE

 00C5FE

 98E7FE

 B2EDFE

 CBF3FE

 E4F8FE

 FEFEFE

 FFFFFE

Harmonies

Analogous

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



46DADF



4CD6FE



82CDFE

Triad

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



4CD6FE



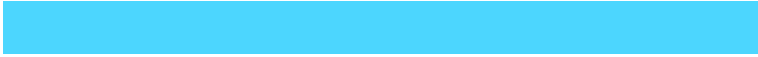
FFACD3



C5CC81

Complementary

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



4CD6FE



FE744C

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.



E9C17F



4CD6FE



FFACAE

Square

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



4CD6FE



EAB4F5



FFB48F



9BD597

Rectangle

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



4CD6FE



A9C6FF



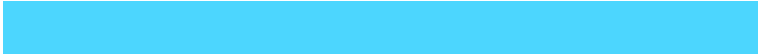
FFB48F



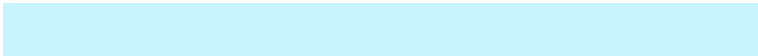
D2C97E

Sweetspot

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



4CD6FE



C9F3FF



4CFE73



607880



000000



808080

Same Dimension

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



4CD6FE



29CFFF



4C7EFE



737D80



0094BF



003140

Inverse Universe

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



FE4CD6



FF29CF



FECC4C



80737D



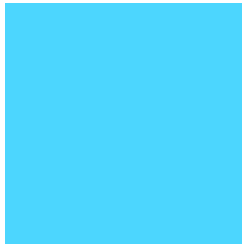
BF0094



400031

Previews

White Background



This preview shows how the Hex color 4CD6FE looks on a white background.

Color Contrast Check

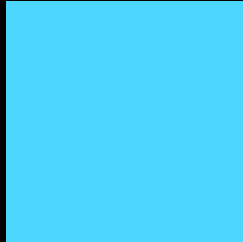
Large Text (above 18pt) WCAG AA × Fail

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 4CD6FE 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 4CD6FE Background



This preview shows how black text looks on a background with the Hex color 4CD6FE.



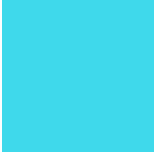
This preview shows how white text looks on a background with the Hex color 4CD6FE.

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](#).

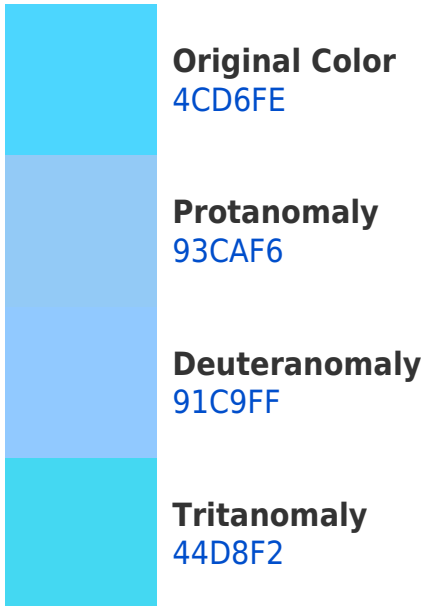
Dichromacy



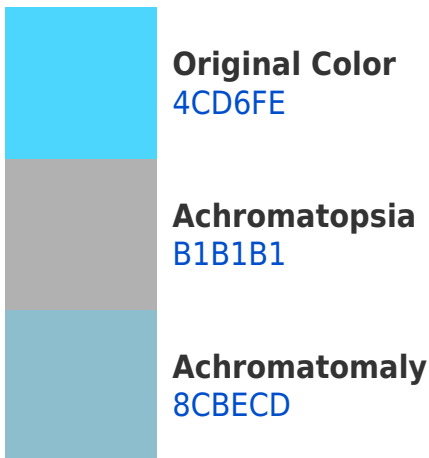


Tritanopia
3FD9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD6FE 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 #4CD6FE looks like.

```
.text, #text, p{  
    color:#4CD6FE  
}
```

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 #4CD6FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD6FE
}
```

Border

The CSS property to change the border of an element to Hex 4CD6FE 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
#4CD6FE }
```

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

```
.border{ border-color:#4CD6FE }
```

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

Here you see how a box with a 4 pixel #4CD6FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD6FE; -webkit-box-shadow:4px 4px  
4px 4px #4CD6FE; box-shadow:4px 4px 4px  
4px #4CD6FE }
```

Background

The CSS property to change the background color of an element to Hex 4CD6FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD6FE }
```

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

```
.background{ background-color:#4CD6FE }
```

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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