

Converting Colors

Hex(4CD0FE)

Have a look what the booklet for
Hex(4CD0FE) contains.

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Color

Hex(4CD0FE)

Conversions

Conversions Part 1

Format	Color
Hex	4CD0FE
RGB	76, 208, 254
RGB Percent	30%, 82%, 100%
CMY	0.7020, 0.1843, 0.0039
CMYK	0.70, 0.18, 0.00, 0.00
HSL	196°, 99%, 65%
HSV	196°, 70%, 100%
XYZ	43.4258, 53.8040, 101.8624
YIQ	173.7760, -93.4380, -13.6780

Conversions

Conversions Part 2

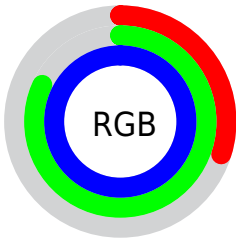
Format	Color
RYB	76, 152, 254
Decimal	5034238
CIELab	78.35, -21.57, -32.94
CIElCh	78, 39.372, 236.781
Yxy	53.8040, 0.2181, 0.2702
Android (android.graphics.Color)	4283224318 (0xFF4CD0FE)
YUV	173.7760, 39.5504, -85.7496
Hunter-Lab	73.3512, -22.6881, -30.9898

Details

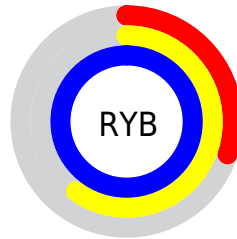
The Hex color **4CD0FE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FE7A4C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **90FFFF**, and **0099C5** is the 20% darker color. If you saturate the color by 10%, you get **33C9FE**, and if you desaturate by 10%, it is **65D7FE**.

Distribution



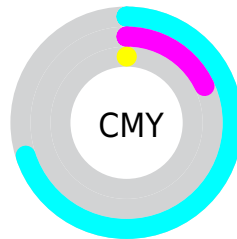
- Red (30%)
- Green (82%)
- Blue (100%)



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



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD0FE 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 4CD0FE by changing the saturation by 10% instead.

 4CD0FE

 4CD0FE

FFFFFF

 19B4E1


 90FFFF

 0099C5

 B0FFFF

 007FAA

 CFFFFFF

 00668F

 EFFFFFF

 004E75

 00375C

 002245

 00042E

 000119

 4CD0FE

 4CD0FE

 33C9FE

 65D7FE

 19C3FE

 7FD0FE

 00BCFE

 98E4FE

 B2EAFE

 CBF1FE

 E4F7FE

 FEFEFE

 FFFFFFFF

Harmonies

Analogous

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



37D5E1



4CD0FE



87C7FF

Triad

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



4CD0FE



FFA6C7



B8CA7F

Complementary

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



4CD0FE



FE7A4C

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.



DEBE78



4CD0FE



FFA8A3

Square

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



4CD0FE



ECADEA



FAB286



8ED199

Rectangle

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



4CD0FE



AFBEFF



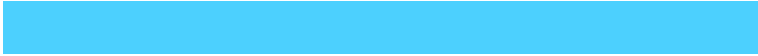
FAB286



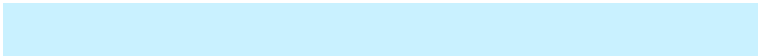
C6C67B

Sweetspot

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



4CD0FE



C9F1FF



4CFE79



607780



000000



808080

Same Dimension

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



4CD0FE



29C8FF



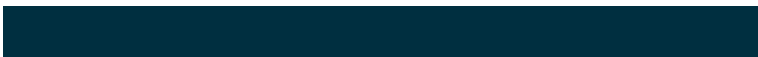
4C79FE



737C80



008EBF



002F40

Inverse Universe

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



FE4CD0



FF29C8



FED24C



80737C



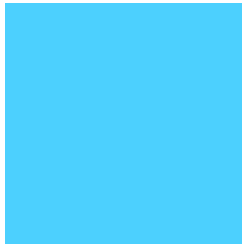
BF008E



40002F

Previews

White Background



This preview shows how the Hex color 4CD0FE looks on a white background.

Color Contrast Check

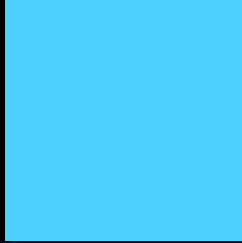
Large Text (above 18pt) WCAG AA × Fail

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 4CD0FE 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 4CD0FE Background



This preview shows how black text looks on a background with the Hex color 4CD0FE.



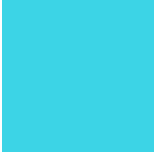
This preview shows how white text looks on a background with the Hex color 4CD0FE.

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](#).

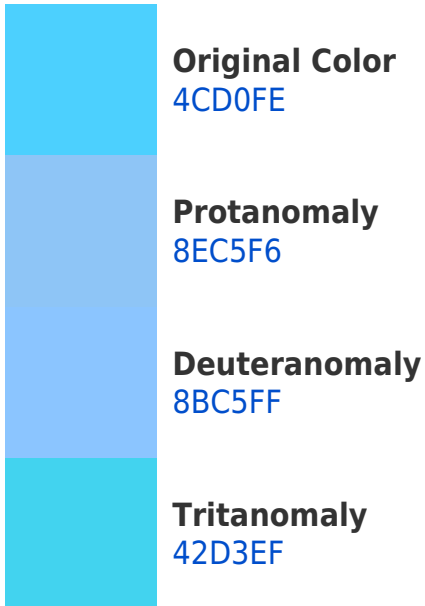
Dichromacy



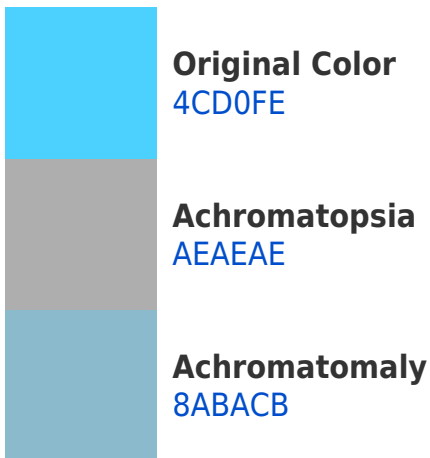


Tritanopia
3CD4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD0FE 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 #4CD0FE looks like.

```
.text, #text, p{  
  color:#4CD0FE  
}
```

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 #4CD0FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD0FE
}
```

Border

The CSS property to change the border of an element to Hex 4CD0FE 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
#4CD0FE }
```

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

```
.border{ border-color:#4CD0FE }
```

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

Here you see how a box with a 4 pixel #4CD0FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD0FE; -webkit-box-shadow:4px 4px  
4px 4px #4CD0FE; box-shadow:4px 4px 4px  
4px #4CD0FE }
```

Background

The CSS property to change the background color of an element to Hex 4CD0FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD0FE }
```

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

```
.background{ background-color:#4CD0FE }
```

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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