

Converting Colors

Hex(CAD3FE)

Have a look what the booklet for
Hex(CAD3FE) contains.

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Color

Hex(CAD3FE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CAD3FE |
| RGB | 202, 211, 254 |
| RGB Percent | 79%, 83%, 100% |
| CMY | 0.2078, 0.1725, 0.0039 |
| CMYK | 0.20, 0.17, 0.00, 0.00 |
| HSL | 230°, 96%, 89% |
| HSV | 230°, 20%, 100% |
| XYZ | 65.5408, 66.3008, 103.1089 |
| YIQ | 213.2110, -19.1670, 11.4650 |

Conversions

Conversions Part 2

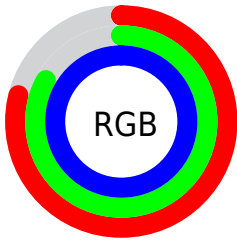
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 210, 254 |
| Decimal | 13292542 |
| CIE Lab | 85.15, 5.74, -22.00 |
| CIE LCh | 85, 22.742, 284.631 |
| Yxy | 66.3008, 0.2790, 0.2822 |
| Android (android.graphics.Color) | 4291482622 (0xFFCAD3FE) |
| YUV | 213.2110, 20.1090, -9.8320 |
| Hunter-Lab | 81.4253, 1.1837, -18.0812 |

Details

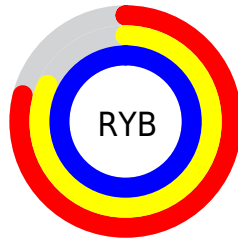
The Hex color **CAD3FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FEF5CA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **939DC5** is the 20% darker color. If you saturate the color by 10%, you get **B1BEFE**, and if you desaturate by 10%, it is **E3E8FE**.

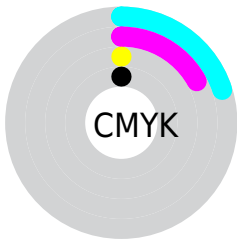
Distribution



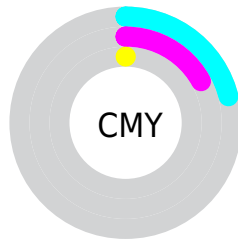
- Red (79%)
- Green (83%)
- Blue (100%)



- Red (79%)
- Yellow (82%)
- Blue (100%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAD3FE 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 CAD3FE by changing the saturation by 10% instead.

■ CAD3FE

FFFFFF

■ CAD3FE

■ AEB7E1

■ 939DC5

■ 7983AA

■ 60698F

■ 475176

■ 2F3B5D

■ 172545

■ 00102F

■ 00011A

 CAD3FE

 CAD3FE

 B1BEFE

 E3E8FE

 97A9FE

 FDFDFE

 7E94FE

FFFFFFE

 647FFE

 4B6AFE

 3255FE

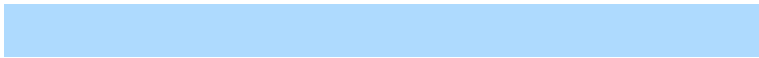
 1840FE

 002CFE

Harmonies

Analogous

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



AEDAFA



CAD3FE



E5CCF3

Triad

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



CAD3FE



FEC9B7



ABE0C9

Complementary

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



CAD3FE



FEF5CA

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.



C2DDB6



CAD3FE



F0D0AC

Square

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



CAD3FE



FFC6CB



DAD7AB



9CE1DF

Rectangle

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



CAD3FE



F4C8E8



DAD7AB



B2DFC2

Sweetspot

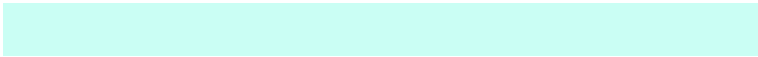
The Sweet Spot groups the original color and five complimentary colors.



CAD3FE



F0F2FF



CAFEF4



777880



000000



808080

Same Dimension

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



CAD3FE



BFCAFF



DACAFE



737580



0021BF



000B40

Inverse Universe

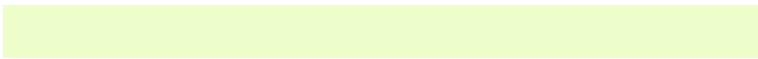
The Inverse Universe completely reimagines the original color for something new.



FECAD3



FFBFCA



EEFECA



807375



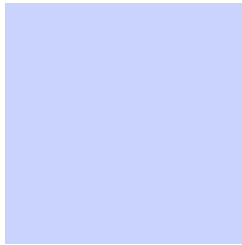
BF0021



40000B

Previews

White Background



This preview shows how the Hex color CAD3FE looks on a white background.

Color Contrast Check

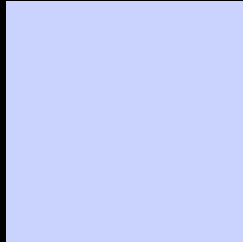
Large Text (above 18pt) WCAG AA × Fail

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 CAD3FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

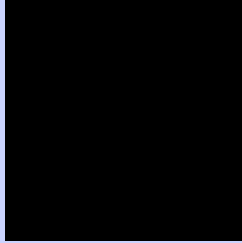
Any Text WCAG AA ✓ Pass

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 CAD3FE Background



This preview shows how black text looks on a background with the Hex color CAD3FE.



This preview shows how white text looks on a background with the Hex color CAD3FE.

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



Original Color
CAD3FE

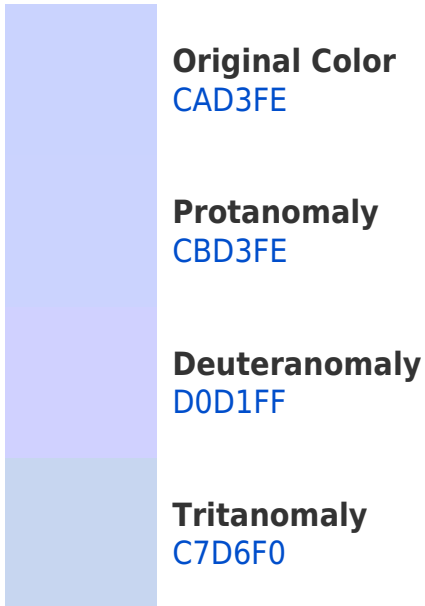
Protanopia
CBD3FE

Deuteranopia
D4D0FF

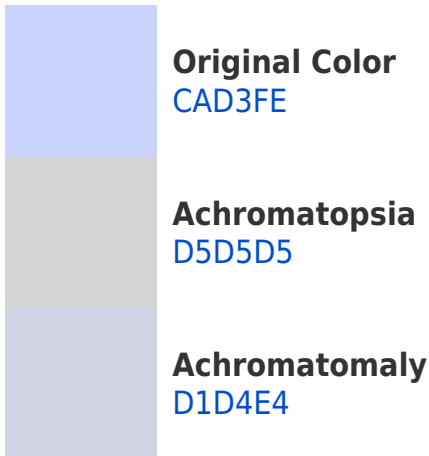


Tritanopia
C6D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAD3FE 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 #CAD3FE looks like.

```
.text, #text, p{  
    color:#CAD3FE  
}
```

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 #CAD3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD3FE
}
```

Border

The CSS property to change the border of an element to Hex CAD3FE 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
#CAD3FE }
```

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

```
.border{ border-color:#CAD3FE }
```

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

Here you see how a box with a 4 pixel #CAD3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD3FE; -webkit-box-shadow:4px 4px  
4px 4px #CAD3FE; box-shadow:4px 4px 4px  
4px #CAD3FE }
```

Background

The CSS property to change the background color of an element to Hex CAD3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD3FE }
```

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

```
.background{ background-color:#CAD3FE }
```

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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