

Converting Colors

Hex(CEDBFF)

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

Hex(CEDBFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CEDBFF)

Conversions

Conversions Part 1

Format	Color
Hex	CEDBFF
RGB	206, 219, 255
RGB Percent	81%, 86%, 100%
CMY	0.1922, 0.1412, 0.0000
CMYK	0.19, 0.14, 0.00, 0.00
HSL	224°, 100%, 90%
HSV	224°, 19%, 100%
XYZ	68.8351, 71.0048, 104.6850
YIQ	219.2170, -19.3040, 8.4400

Conversions

Conversions Part 2

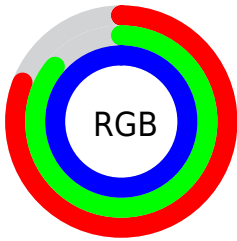
Format	Color
R _{YB}	206, 216, 255
Decimal	13556735
CIE Lab	87.49, 2.95, -18.97
CIE LCh	87, 19.197, 278.835
Yxy	71.0048, 0.2815, 0.2904
Android (android.graphics.Color)	4291746815 (0xFFCEDBFF)
YUV	219.2170, 17.6410, -11.5913
Hunter-Lab	84.2644, -1.6470, -14.6733

Details

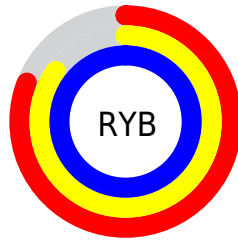
The Hex color **CEDBFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF2CE**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **97A4C6** is the 20% darker color. If you saturate the color by 10%, you get **B4C8FF**, and if you desaturate by 10%, it is **E8EEFF**.

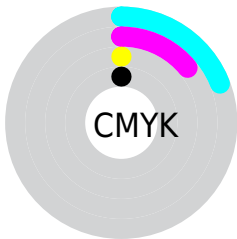
Distribution



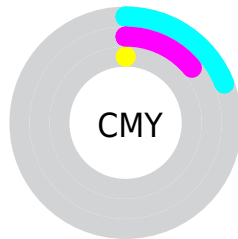
- Red (81%)
- Green (86%)
- Blue (100%)



- Red (81%)
- Yellow (85%)
- Blue (100%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

■ CEDBFF

FFFFFF

■ CEDBFF

■ B2BFE2

■ 97A4C6

■ 7D8AAB

■ 637190

■ 4B5877

■ 33415E

■ 1B2B46

■ 031730

■ 00011B

 CEDBFF

 CEDBFF

 B4C8FF

 E8EEFF

 9BB6FF

FFFFFF

 82A3FF

 6890FF

 4F7DFF

 356BFF

 1B58FF

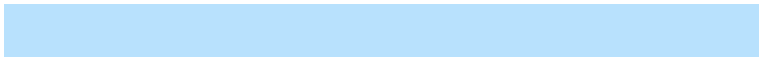
 0245FF

 0044FF

Harmonies

Analogous

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



B8E1FD



CEDBFF



E5D5F8

Triad

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



CEDBFF



FFD1C5



BCE5CE

Complementary

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



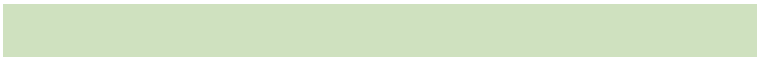
CEDBFF



FFF2CE

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.



CFE1BF



CEDBFF



F6D6BA

Square

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



CEDBFF



FFCFD6



E4DCB7



AEE6E0

Rectangle

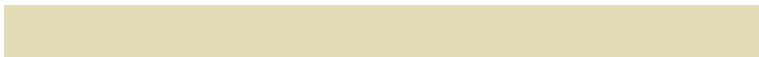
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEDBFF



F3D1EE



E4DCB7



C2E4C8

Sweetspot

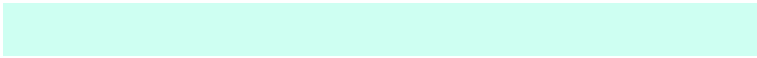
The Sweet Spot groups the original color and five complimentary colors.



CEDBFF



F0F4FF



CEFFF2



777980



000000



808080

Same Dimension

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



CEDBFF



C4D4FF



D9CEFF



737680



0033BF



001140

Inverse Universe

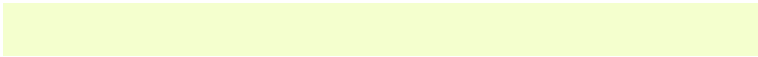
The Inverse Universe completely reimagines the original color for something new.



FFCEDB



FFC4D4



F4FFCE



807376



BF0033



400011

Previews

White Background



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

Color Contrast Check

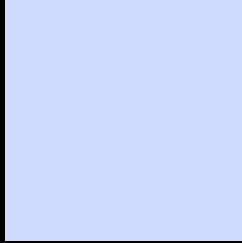
Large Text (above 18pt) WCAG AA × Fail

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 CEDBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

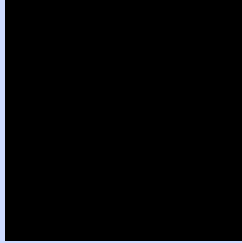
Any Text WCAG AA ✓ Pass

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 CEDBFF Background



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

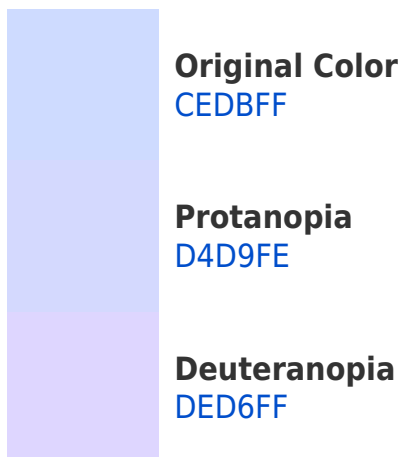


This preview shows how white text looks on a background with the Hex color CEDBFF.

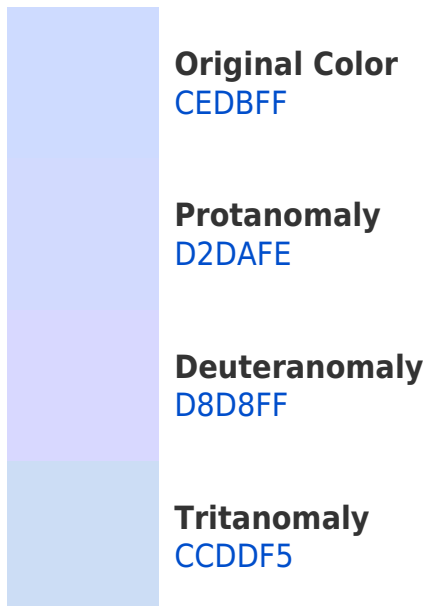
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CEDBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor