

Converting Colors

Hex(CCD7FF)

Have a look what the booklet for
Hex(CCD7FF) contains.

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Color

Hex(CCD7FF)

Conversions

Conversions Part 1

Format	Color
Hex	CCD7FF
RGB	204, 215, 255
RGB Percent	80%, 84%, 100%
CMY	0.2000, 0.1569, 0.0000
CMYK	0.20, 0.16, 0.00, 0.00
HSL	227°, 100%, 90%
HSV	227°, 20%, 100%
XYZ	67.2523, 68.6582, 104.3155
YIQ	216.2710, -19.3960, 10.1080

Conversions

Conversions Part 2

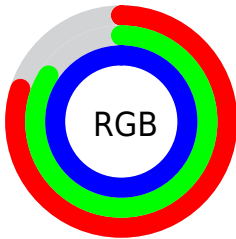
Format	Color
RYB	204, 213, 255
Decimal	13424639
CIELab	86.33, 4.45, -20.72
CIELCh	86, 21.197, 282.116
Yxy	68.6582, 0.2800, 0.2858
Android (android.graphics.Color)	4291614719 (0xFFCCD7FF)
YUV	216.2710, 19.0934, -10.7617
Hunter-Lab	82.8603, -0.1287, -16.6399

Details

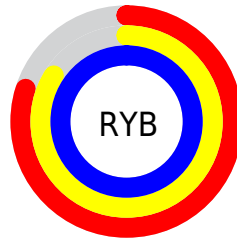
The Hex color **CCD7FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF4CC**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **95A0C6** is the 20% darker color. If you saturate the color by 10%, you get **B3C3FF**, and if you desaturate by 10%, it is **E6EBFF**.

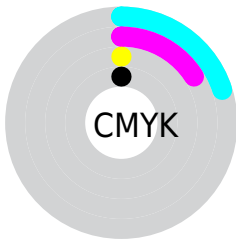
Distribution



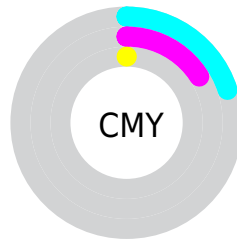
- Red (80%)
- Green (84%)
- Blue (100%)



- Red (80%)
- Yellow (84%)
- Blue (100%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCD7FF 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 CCD7FF by changing the saturation by 10% instead.

■ CCD7FF

FFFFFF

■ CCD7FF

■ B0BBE2

■ 95A0C6

■ 7B86AB

■ 616D90

■ 495577

■ 313E5E

■ 192846

■ 01142F

■ 00011B

 CCD7FF

 CCD7FF

 B3C3FF

 E6EBFF

 99AFFF

FFFFFF

 809BFF

 6687FF

 4D73FF

 335FFF

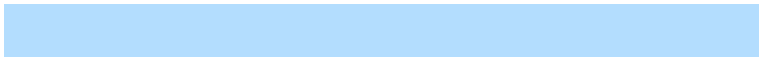
 194BFF

 0037FF

Harmonies

Analogous

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



B3DDFE



CCD7FF



E6D0F6

Triad

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



CCD7FF



FFCDBE



B3E3CB

Complementary

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



CCD7FF



FFF4CC

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.



C8DFBA



CCD7FF



F3D3B2

Square

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



CCD7FF



FFCAD0



DFD9B1



A4E4E0

Rectangle

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



CCD7FF



F4CDEB



DFD9B1



B9E2C5

Sweetspot

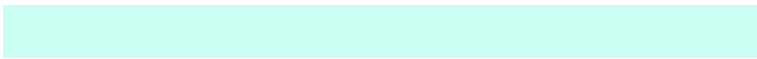
The Sweet Spot groups the original color and five complimentary colors.



CCD7FF



F0F3FF



CCFFF4



777980



000000



808080

Same Dimension

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



CCD7FF



C2CFFF



DACCFE



737680



0029BF



000E40

Inverse Universe

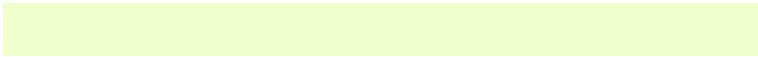
The Inverse Universe completely reimagines the original color for something new.



FFCCD7



FFC2CF



F1FFCC



807376



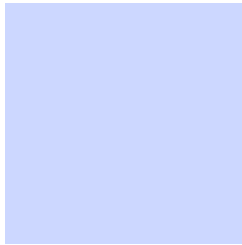
BF0029



40000E

Previews

White Background



This preview shows how the Hex color CCD7FF looks on a white background.

Color Contrast Check

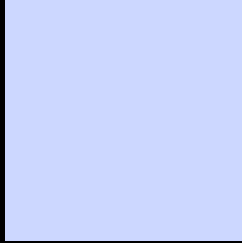
Large Text (above 18pt) WCAG AA × Fail

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 CCD7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

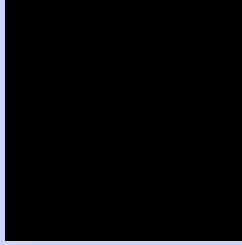
Any Text WCAG AA ✓ Pass

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 CCD7FF Background



This preview shows how black text looks on a background with the Hex color CCD7FF.

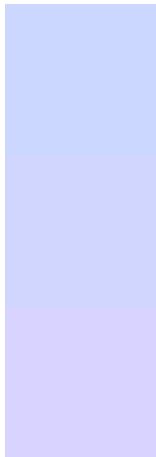


This preview shows how white text looks on a background with the Hex color CCD7FF.

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

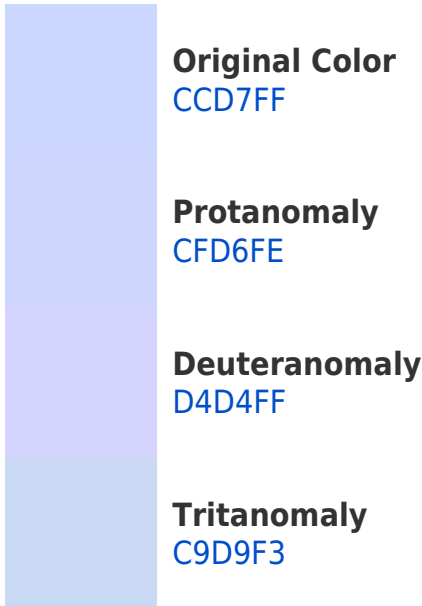


Original Color
CCD7FF

Protanopia
D0D6FE

Deuteranopia
D9D3FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCD7FF 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 #CCD7FF looks like.

```
.text, #text, p{  
    color:#CCD7FF  
}
```

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 #CCD7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD7FF
}
```

Border

The CSS property to change the border of an element to Hex CCD7FF 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
#CCD7FF }
```

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

```
.border{ border-color:#CCD7FF }
```

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

Here you see how a box with a 4 pixel #CCD7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD7FF; -webkit-box-shadow:4px 4px  
4px 4px #CCD7FF; box-shadow:4px 4px 4px  
4px #CCD7FF }
```

Background

The CSS property to change the background color of an element to Hex CCD7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD7FF }
```

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

```
.background{ background-color:#CCD7FF }
```

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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