

Converting Colors

Hex(CDE9FF)

Have a look what the booklet for
Hex(CDE9FF) contains.

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Color

Hex(CDE9FF)

Conversions

Conversions Part 1

Format	Color
Hex	CDE9FF
RGB	205, 233, 255
RGB Percent	80%, 91%, 100%
CMY	0.1961, 0.0863, 0.0000
CMYK	0.20, 0.09, 0.00, 0.00
HSL	206°, 100%, 90%
HSV	206°, 20%, 100%
XYZ	72.3658, 78.4770, 105.9412
YIQ	227.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

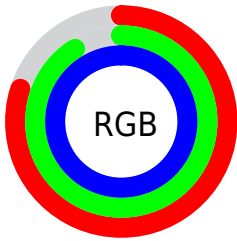
Format	Color
R _Y B	205, 223, 255
Decimal	13494783
CIE Lab	91.00, -4.63, -13.70
CIE LCh	91, 14.466, 251.331
Yxy	78.4770, 0.2818, 0.3056
Android (android.graphics.Color)	4291684863 (0xFFCDE9FF)
YUV	227.1360, 13.7370, -19.4133
Hunter-Lab	88.5872, -9.2133, -8.8937

Details

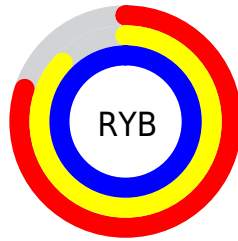
The Hex color **CDE9FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE3CD**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **96B1C6** is the 20% darker color. If you saturate the color by 10%, you get **B3DEFF**, and if you desaturate by 10%, it is **E7F4FF**.

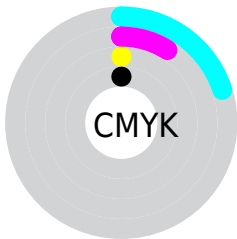
Distribution



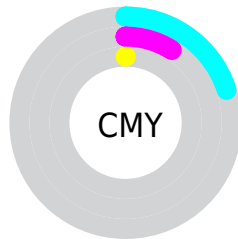
- Red (80%)
- Green (91%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE9FF 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 CDE9FF by changing the saturation by 10% instead.

 CDE9FF

 CDE9FF

FFFFFF

 B1CDE2

 96B1C6

 7C97AB

 627D90

 496477

 314C5E

 1A3546

 012030

 00081B

 CDE9FF

 CDE9FF

 B3DEFF

 E7F4FF

 9AD3FF

FFFFFF

 81C7FF

 67BCFF

 4EB1FF

 34A6FF

 1A9AFF

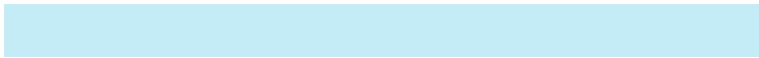
 018FFF

 008FFF

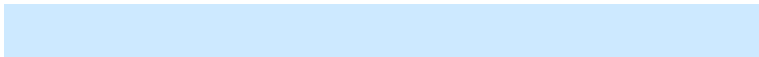
Harmonies

Analogous

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



C3ECF7



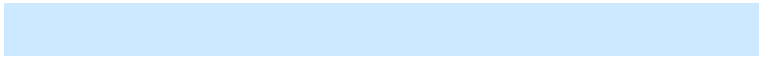
CDE9FF



DDE5FF

Triad

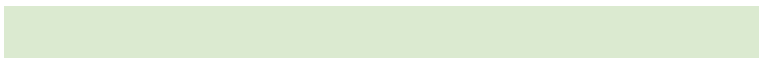
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDE9FF



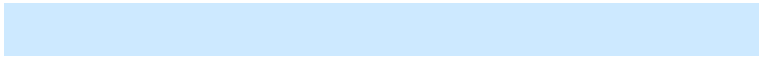
FFDCE0



DBEAD0

Complementary

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



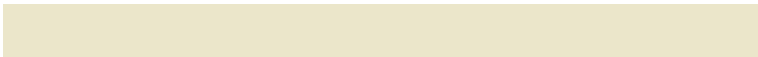
CDE9FF



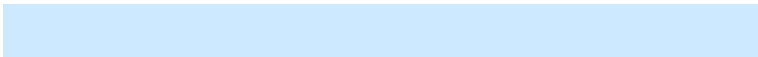
FFE3CD

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.



EBE6CA



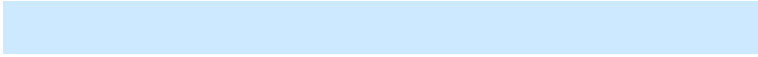
CDE9FF



FFDED3

Square

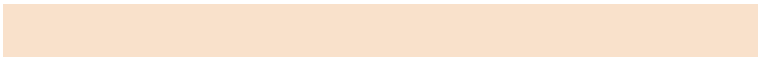
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDE9FF



FCDDEE



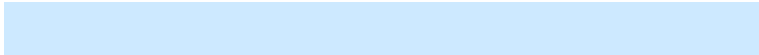
F9E1CB



CCEDDC

Rectangle

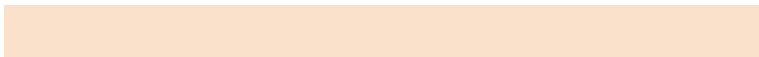
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDE9FF



E9E1FD



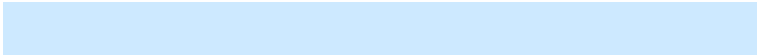
F9E1CB



E0E9CD

Sweetspot

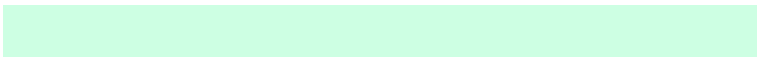
The Sweet Spot groups the original color and five complimentary colors.



CDE9FF



F0F8FF



CDFFE3



777C80



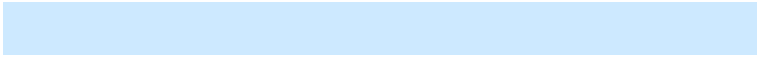
000000



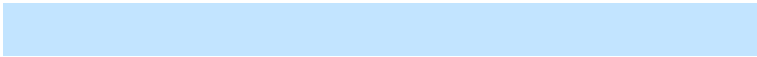
808080

Same Dimension

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



CDE9FF



C2E4FF



CDD0FF



737A80



006BBF



002440

Inverse Universe

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



FFCDE9



FFC2E4



FFFCCD



80737A



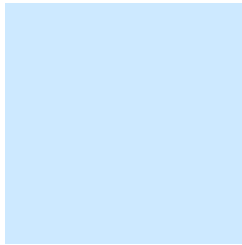
BF006B



400024

Previews

White Background



This preview shows how the Hex color CDE9FF looks on a white background.

Color Contrast Check

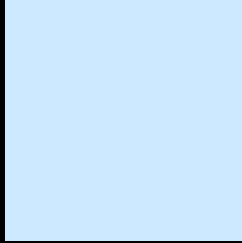
Large Text (above 18pt) WCAG AA × Fail

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 CDE9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

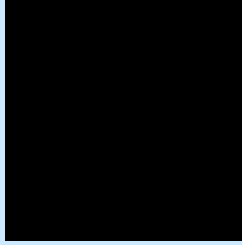
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

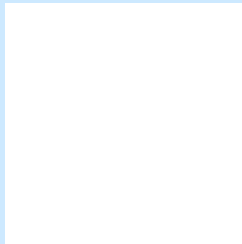
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CDE9FF Background



This preview shows how black text looks on a background with the Hex color CDE9FF.

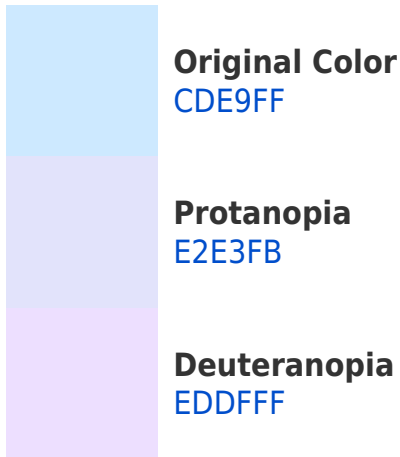


This preview shows how white text looks on a background with the Hex color CDE9FF.

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](#).

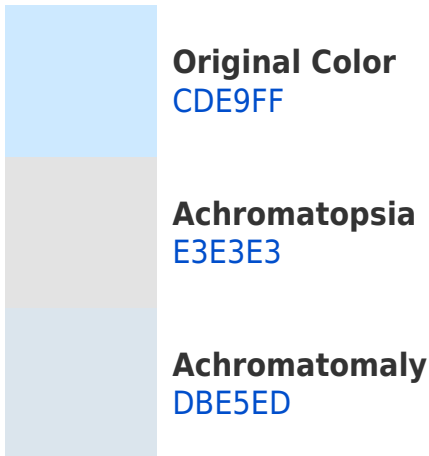
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE9FF 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 #CDE9FF looks like.

```
.text, #text, p{  
    color:#CDE9FF  
}
```

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 #CDE9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE9FF }
}
```

Border

The CSS property to change the border of an element to Hex CDE9FF 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 #CDE9FF }
}
```

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

```
.border{ border-color:#CDE9FF }
```

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

Here you see how a box with a 4 pixel #CDE9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE9FF; -webkit-box-shadow:4px 4px  
4px 4px #CDE9FF; box-shadow:4px 4px 4px  
4px #CDE9FF }
```

Background

The CSS property to change the background color of an element to Hex CDE9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE9FF }
```

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

```
.background{ background-color:#CDE9FF }
```

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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