

Converting Colors

Hex(C7DEFF)

Have a look what the booklet for
Hex(C7DEFF) contains.

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Color

Hex(C7DEFF)

Conversions

Conversions Part 1

Format	Color
Hex	C7DEFF
RGB	199, 222, 255
RGB Percent	78%, 87%, 100%
CMY	0.2196, 0.1294, 0.0000
CMYK	0.22, 0.13, 0.00, 0.00
HSL	215°, 100%, 89%
HSV	215°, 22%, 100%
XYZ	67.7245, 71.6047, 104.8594
YIQ	218.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

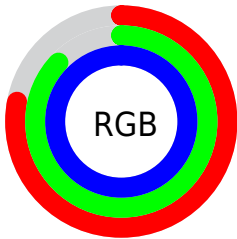
Format	Color
R_{YB}	199, 215, 255
Decimal	13098751
CIE _{Lab}	87.78, -0.73, -18.58
CIE _{LCh}	88, 18.592, 267.743
Yxy	71.6047, 0.2773, 0.2932
Android (android.graphics.Color)	4291288831 (0xFFC7DEFF)
YUV	218.8850, 17.8047, -17.4391
Hunter-Lab	84.6195, -5.2234, -14.2377

Details

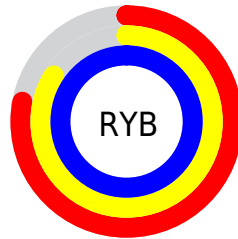
The Hex color **C7DEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE8C7**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **90A7C6** is the 20% darker color. If you saturate the color by 10%, you get **AECFFF**, and if you desaturate by 10%, it is **E1EDFF**.

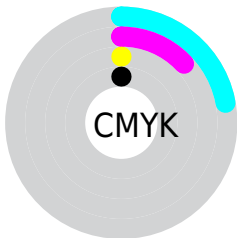
Distribution



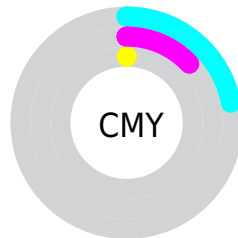
- Red (78%)
- Green (87%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- Blue (100%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7DEFF 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 C7DEFF by changing the saturation by 10% instead.

 C7DEFF

FFFFFF

 C7DEFF

 ABC2E2

 90A7C6

 768DAB

 5C7390

 445B77

 2B435E

 122D46

 001930

 00011B

 C7DEFF

 C7DEFF

 AECFF

 E1EDFF

 94C0FF

 FAF0FF

 7AB1FF

FFFFFF

 61A2FF

 4793FF

 2E84FF

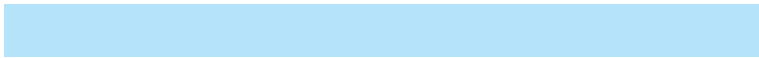
 1475FF

 0069FF

Harmonies

Analogous

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



B5E3F9



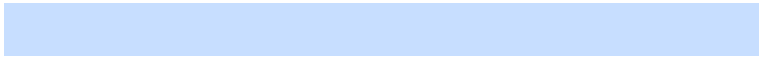
C7DEFF



DED8FB

Triad

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



C7DEFF



FFD1CC



C4E4C9

Complementary

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



C7DEFF



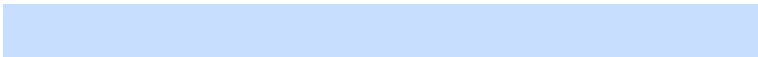
FFE8C7

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.



D8E0BD



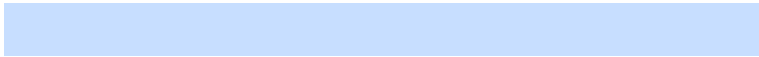
C7DEFF



FAD5BF

Square

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



C7DEFF



FFD0DE



ECDAB9



B4E6DA

Rectangle

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



C7DEFF



ECD4F4



ECDAB9



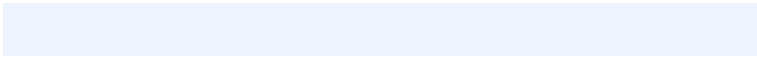
CBE3C4

Sweetspot

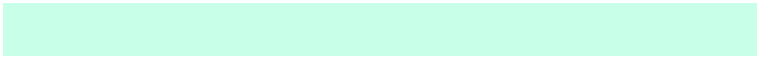
The Sweet Spot groups the original color and five complimentary colors.



C7DEFF



EDF4FF



C7FFE8



757980



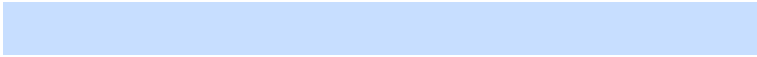
000000



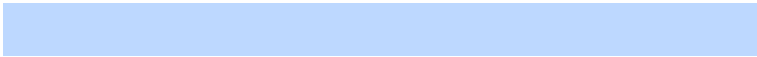
808080

Same Dimension

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



C7DEFF



BDD8FF



CCC7FF



737880



004FBF



001A40

Inverse Universe

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



FFC7DE



FFBDD8



FAFFC7



807378



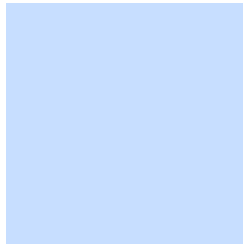
BF004F



40001A

Previews

White Background



This preview shows how the Hex color C7DEFF looks on a white background.

Color Contrast Check

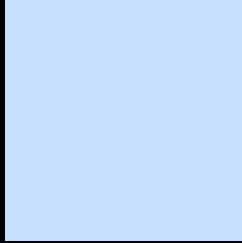
Large Text (above 18pt) WCAG AA × Fail

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 C7DEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

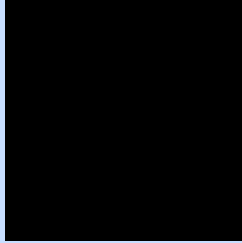
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

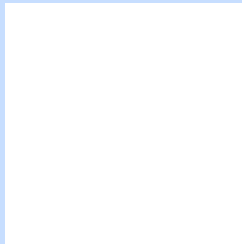
Any Text WCAG AAA ✓ Pass

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

Hex C7DEFF Background



This preview shows how black text looks on a background with the Hex color C7DEFF.

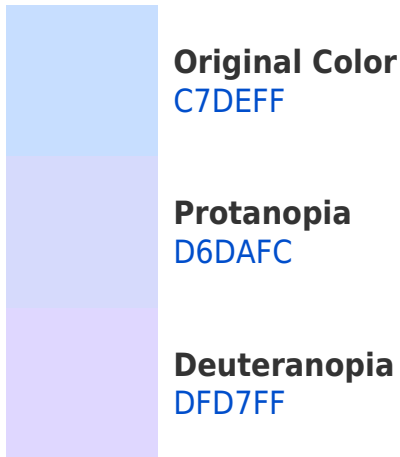


This preview shows how white text looks on a background with the Hex color C7DEFF.

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
C4E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7DEFF 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 #C7DEFF looks like.

```
.text, #text, p{  
    color:#C7DEFF  
}
```

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 #C7DEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DEFF
}
```

Border

The CSS property to change the border of an element to Hex C7DEFF 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
#C7DEFF }
```

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

```
.border{ border-color:#C7DEFF }
```

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

Here you see how a box with a 4 pixel #C7DEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DEFF; -webkit-box-shadow:4px 4px  
4px 4px #C7DEFF; box-shadow:4px 4px 4px  
4px #C7DEFF }
```

Background

The CSS property to change the background color of an element to Hex C7DEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DEFF }
```

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

```
.background{ background-color:#C7DEFF }
```

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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