

Converting Colors

Hex(C4DEFD)

Have a look what the booklet for
Hex(C4DEFD) contains.

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Color

Hex(C4DEFD)

Conversions

Conversions Part 1

Format	Color
Hex	C4DEFD
RGB	196, 222, 253
RGB Percent	77%, 87%, 99%
CMY	0.2314, 0.1294, 0.0078
CMYK	0.23, 0.12, 0.00, 0.01
HSL	213°, 93%, 88%
HSV	213°, 23%, 99%
XYZ	66.6158, 71.0702, 103.1354
YIQ	217.7600, -25.4470, 4.1290

Conversions

Conversions Part 2

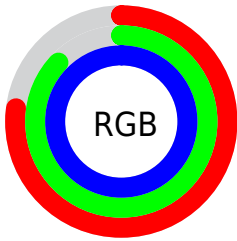
Format	Color
RYB	196, 214, 253
Decimal	12902141
CIELab	87.52, -2.07, -17.94
CIELCh	88, 18.055, 263.427
Yxy	71.0702, 0.2766, 0.2951
Android (android.graphics.Color)	4291092221 (0xFFC4DEFD)
YUV	217.7600, 17.3733, -19.0835
Hunter-Lab	84.3031, -6.4808, -13.5225

Details

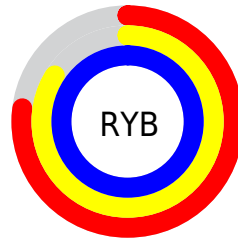
The Hex color **C4DEFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDE3C4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FDFFFF**, and **8DA7C4** is the 20% darker color. If you saturate the color by 10%, you get **ABD0FD**, and if you desaturate by 10%, it is **DDECFD**.

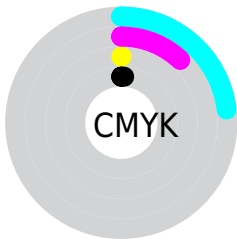
Distribution



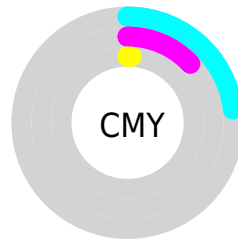
- Red (77%)
- Green (87%)
- Blue (99%)



- Red (77%)
- Yellow (84%)
- Blue (99%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4DEFD 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 C4DEFD by changing the saturation by 10% instead.

 C4DEFD

 C4DEFD

FFFFFF

 A8C2E0

FDFFFF

 8DA7C4

 738DA9

 5A738F

 415B75

 28435C

 0F2D45

 00192E

 00011A

 C4DEFD

 C4DEFD

 ABD0FD

 DDECFD

 91C2FD

 F7FAFD

 78B5FD

FFFFFFD

 5FA7FD

 4699FD

 2C8BFD

 137EFD

 0073FD

Harmonies

Analogous

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



B4E3F6



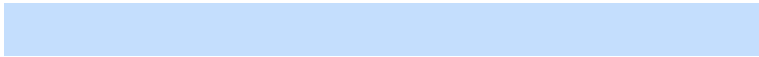
C4DEFD



DAD8FB

Triad

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



C4DEFD



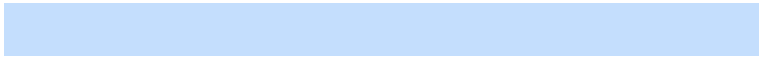
FFD0CE



C7E3C6

Complementary

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



C4DEFD



FDE3C4

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.



DADEBC



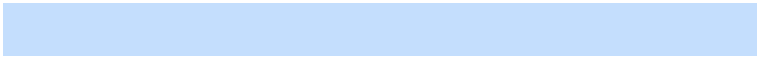
C4DEFD



FAD4C0

Square

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



C4DEFD



FCD0E0



EDD9BA



B6E5D7

Rectangle

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



C4DEFD



E8D5F4



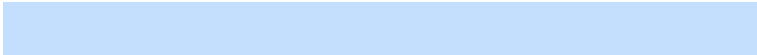
EDD9BA



CDE2C2

Sweetspot

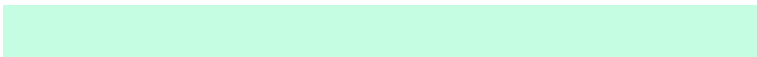
The Sweet Spot groups the original color and five complimentary colors.



C4DEFD



EDF5FF



C4FDE2



757A80



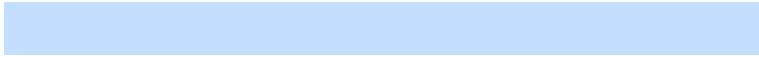
000000



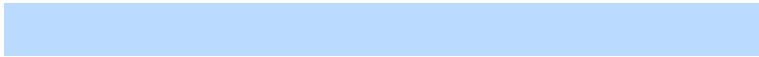
808080

Same Dimension

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



C4DEFD



BADAFF



C6C4FD



737980



0057BF



001D40

Inverse Universe

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



FDC4DE



FFBADA



FBFDC4



807379



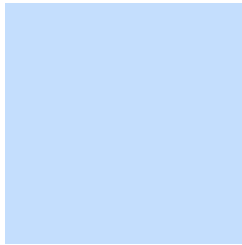
BF0057



40001D

Previews

White Background



This preview shows how the Hex color C4DEFD looks on a white background.

Color Contrast Check

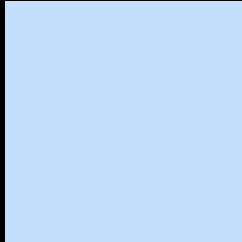
Large Text (above 18pt) WCAG AA × Fail

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 C4DEFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

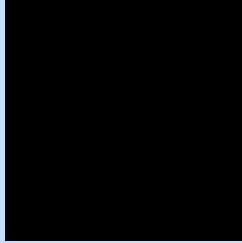
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

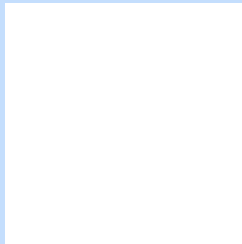
Any Text WCAG AAA ✓ Pass

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

Hex C4DEFD Background



This preview shows how black text looks on a background with the Hex color C4DEFD.

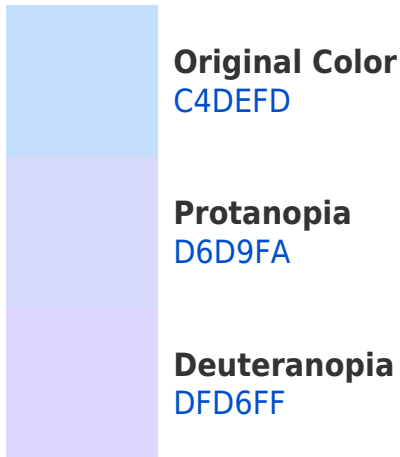


This preview shows how white text looks on a background with the Hex color C4DEFD.

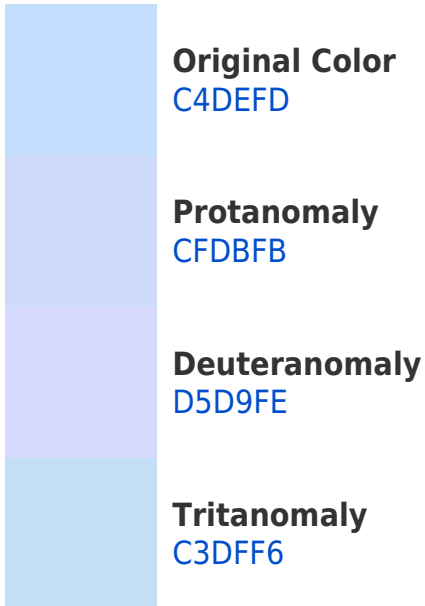
Color Blindness Simulation

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](#).

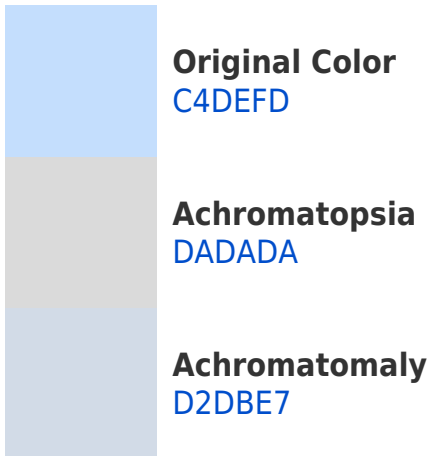
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4DEFD 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 #C4DEFD looks like.

```
.text, #text, p{  
    color:#C4DEFD  
}
```

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 #C4DEFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DEFD
}
```

Border

The CSS property to change the border of an element to Hex C4DEFD 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
#C4DEFD }
```

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

```
.border{ border-color:#C4DEFD }
```

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

Here you see how a box with a 4 pixel #C4DEFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DEFD; -webkit-box-shadow:4px 4px  
4px 4px #C4DEFD; box-shadow:4px 4px 4px  
4px #C4DEFD }
```

Background

The CSS property to change the background color of an element to Hex C4DEFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DEFD }
```

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

```
.background{ background-color:#C4DEFD }
```

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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