

# Converting Colors

Hex(CDEBFC)

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

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

# **Color**

**Hex(CDEBFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDEBFC
RGB	205, 235, 252
RGB Percent	80%, 92%, 99%
CMY	0.1961, 0.0784, 0.0118
CMYK	0.19, 0.07, 0.00, 0.01
HSL	202°, 89%, 90%
HSV	202°, 19%, 99%
XYZ	72.4559, 79.4241, 103.6070
YIQ	227.9680, -23.3370, -1.0730

# Conversions

## Conversions Part 2

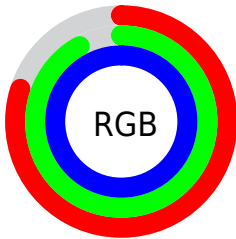
Format	Color
R <sub>YB</sub>	205, 223, 252
Decimal	13495292
CIE Lab	91.43, -6.29, -11.50
CIE LCh	91, 13.107, 241.325
Yxy	79.4241, 0.2836, 0.3109
Android (android.graphics.Color)	4291685372 (0xFFCDEBFC)
YUV	227.9680, 11.8478, -20.1429
Hunter-Lab	89.1202, -10.8375, -6.5437

# Details

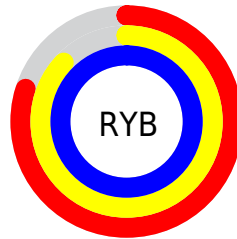
The Hex color **CDEBFC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FCDECD**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **96B3C3** is the 20% darker color. If you saturate the color by 10%, you get **B4E2FC**, and if you desaturate by 10%, it is **E6F4FC**.

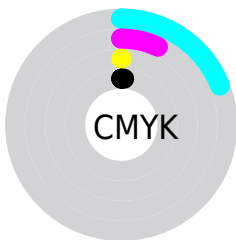
# Distribution



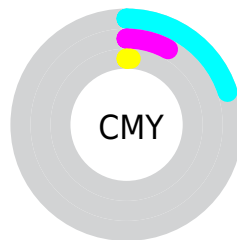
- Red (80%)
- Green (92%)
- Blue (99%)



- Red (80%)
- Yellow (87%)
- Blue (99%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (8%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 CDEBFC

FFFFFF

 CDEBFC

 B1CFDF

 96B3C3


 7C99A8

 627F8E

 4A6674

 324E5C

 1A3744

 01222E

 000B19

 CDEBFC

 CDEBFC

 B4E2FC

 E6F4FC

 9BD9FC

 FFFDFC

 81D0FC

 FFFFFC

 68C7FC

 4FBDFC

 36B4FC

 1DABFC

 03A2FC

 00A1FC

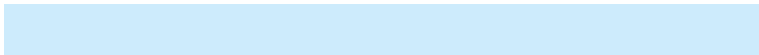
# Harmonies

## Analogous

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



C7EDF3



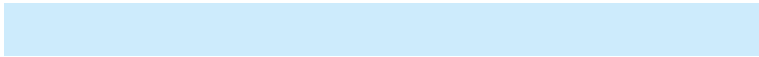
CDEBFC



DAE7FF

# Triad

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



CDEBFC



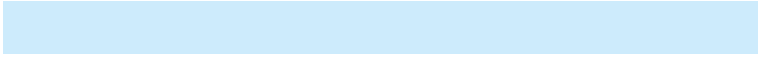
FFDEE6



E2EAD1

# Complementary

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



CDEBFC



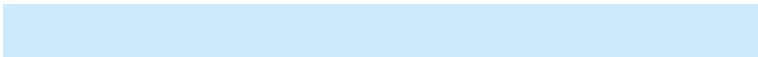
FCDECD

# 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.



F0E6CD



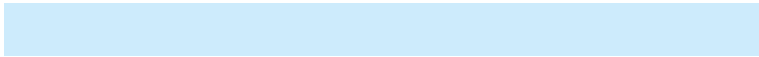
CDEBFC



FFDFDA

# Square

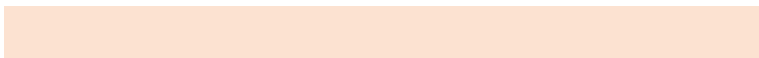
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDEBFC



F8E0F3



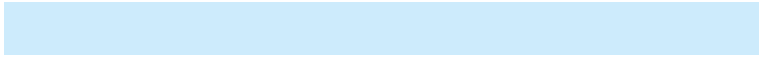
FCE2D1



D4EDDA

# Rectangle

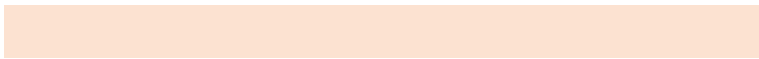
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDEBFC



E4E4FE



FCE2D1

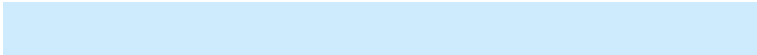


E7E8CF



# Sweetspot

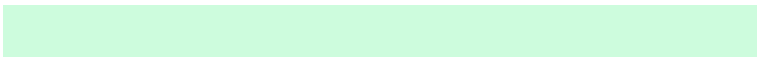
The Sweet Spot groups the original color and five complimentary colors.



CDEBFC



F0F9FF



CDFCDD



777C80



000000

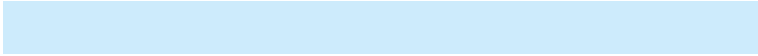


808080

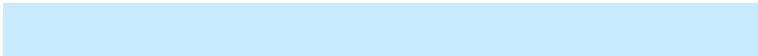


# Same Dimension

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



CDEBFC



C7EBFF



CDD4FC



70787D



0078BD



00273D



# Inverse Universe

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



FCCDEB



FFC7EB



FCF5CD



7D7078



BD0078

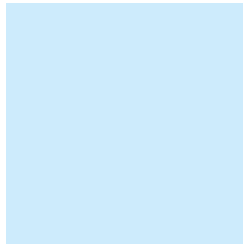


3D0027



# Previews

## White Background



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

## Color Contrast Check

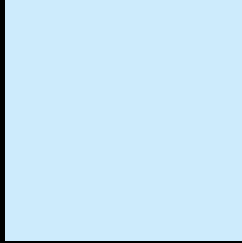
Large Text (above 18pt) WCAG AA × Fail

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 CDEBFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

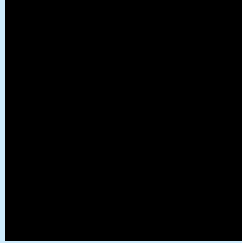
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

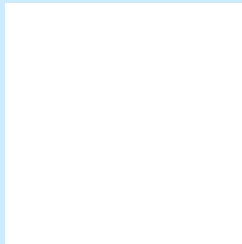
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDEBFC Background



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



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

# Color Blindness Simulation

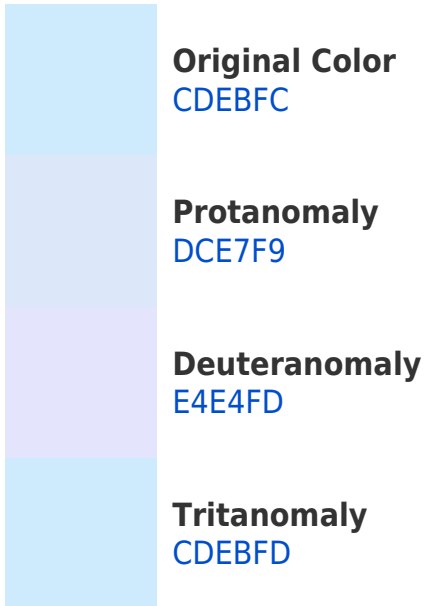
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CDEBFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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