

# Converting Colors

Hex(CCE9FB)

Have a look what the booklet for  
Hex(CCE9FB) contains.

|  |    |
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# **Color**

**Hex(CCE9FB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CCE9FB                      |
| RGB         | 204, 233, 251               |
| RGB Percent | 80%, 91%, 98%               |
| CMY         | 0.2000, 0.0863, 0.0157      |
| CMYK        | 0.19, 0.07, 0.00, 0.02      |
| HSL         | 203°, 85%, 89%              |
| HSV         | 203°, 19%, 98%              |
| XYZ         | 71.4533, 78.0802, 102.5718  |
| YIQ         | 226.3810, -23.0620, -0.5500 |

# Conversions

## Conversions Part 2

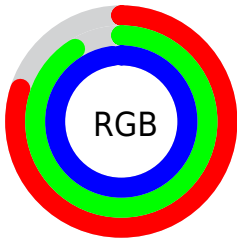
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 204, 222, 251                  |
| Decimal                             | 13429243                       |
| CIE Lab                             | 90.82, -5.78, -11.89           |
| CIE LCh                             | 91, 13.222, 244.083            |
| Yxy                                 | 78.0802, 0.2834,<br>0.3097     |
| Android<br>(android.graphics.Color) | 4291619323<br>(0xFFCCE9FB)     |
| YUV                                 | 226.3810, 12.1372,<br>-19.6281 |
| Hunter-Lab                          | 88.3630, -10.2941,<br>-6.9697  |

# Details

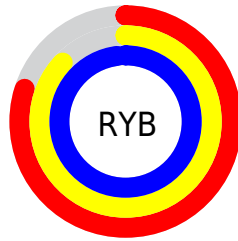
The Hex color **CCE9FB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBDECC**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **95B1C2** is the 20% darker color. If you saturate the color by 10%, you get **B3DFFB**, and if you desaturate by 10%, it is **E5F3FB**.

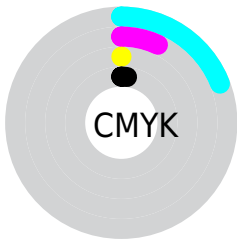
# Distribution



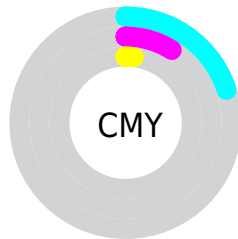
- Red (80%)
- Green (91%)
- Blue (98%)



- Red (80%)
- Yellow (87%)
- Blue (98%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE9FB 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 CCE9FB by changing the saturation by 10% instead.



 CCE9FB

 CCE9FB

FFFFFF

 B0CDDE

 95B1C2

 7B97A7

 617D8D

 496473

 314C5B

 193543

 01202D

 000719

 CCE9FB

 CCE9FB

 B3DFFB

 E5F3FB

 9AD6FB

 FEFCFB

 81CCFB

 FFFFFB

 68C3FB

 4FB9FB

 35AFFB

 1CA6FB

 039CFB

 009BFB

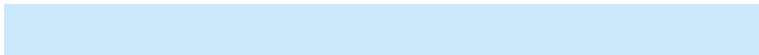
# Harmonies

## Analogous

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



C5ECF2



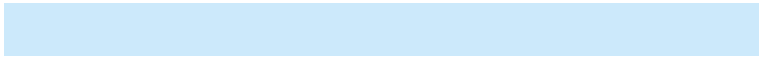
CCE9FB



DAE5FE

# Triad

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



CCE9FB



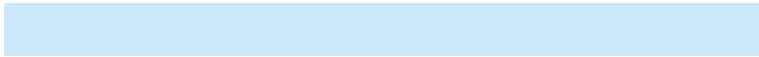
FFDCE3



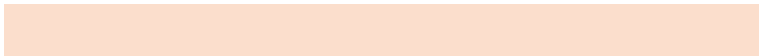
DFE8D0

# Complementary

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



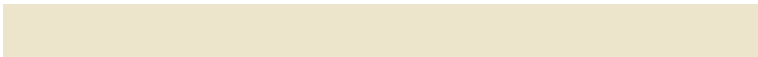
CCE9FB



FBDECC

# 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.



EDE4CC



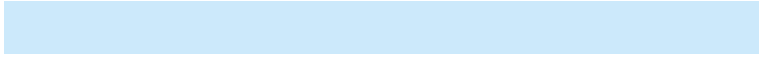
CCE9FB



FFDDD7

# Square

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



CCE9FB



F7DEF0



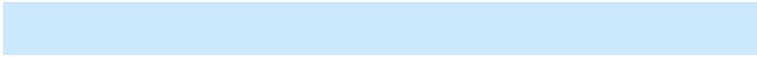
F9E0CE



D1EBD9

# Rectangle

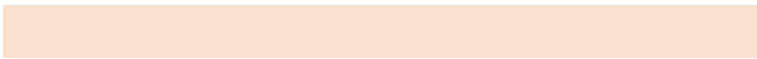
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCE9FB



E4E2FC



F9E0CE

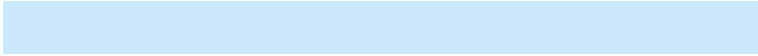


E4E7CE

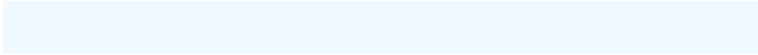


# Sweetspot

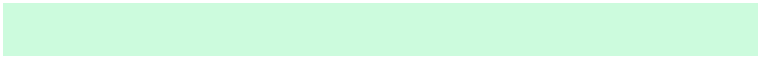
The Sweet Spot groups the original color and five complimentary colors.



CCE9FB



F0F9FF



CCFBDD



777C80



000000

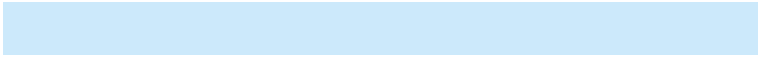


808080

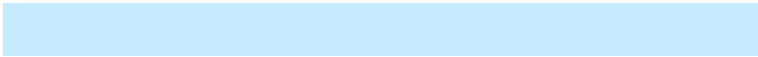


# Same Dimension

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



CCE9FB



C7EAFF



CCD2FB



70787D



0074BD



00263D



# Inverse Universe

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



FBCCE9



FFC7EA



FBF5CC



7D7078



BD0074

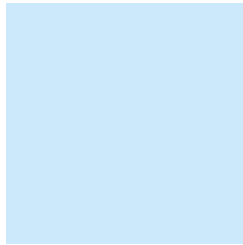


3D0026



# Previews

## White Background



This preview shows how the Hex color CCE9FB looks on a white background.

## Color Contrast Check

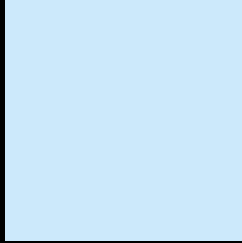
Large Text (above 18pt) WCAG AA × Fail

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 CCE9FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

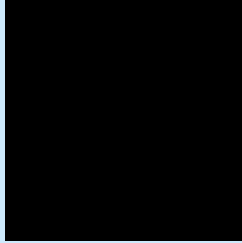
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

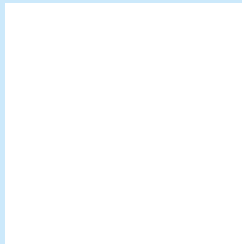
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCE9FB Background



This preview shows how black text looks on a background with the Hex color CCE9FB.

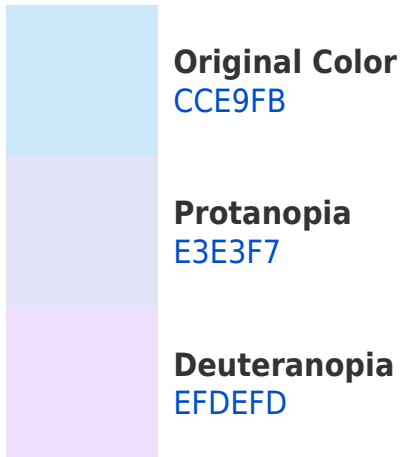


This preview shows how white text looks on a background with the Hex color CCE9FB.

# 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

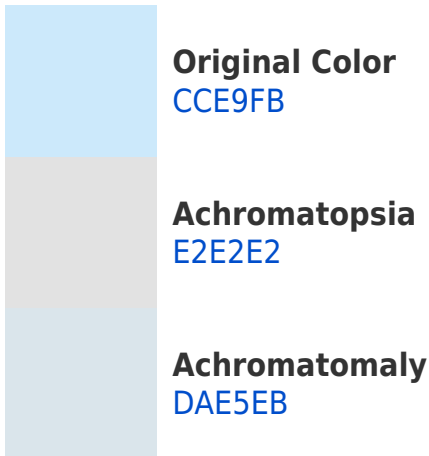




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE9FB 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 #CCE9FB looks like.

```
.text, #text, p{  
    color:#CCE9FB  
}
```

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 #CCE9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE9FB  
}
```

## Border

The CSS property to change the border of an element to Hex CCE9FB 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  
#CCE9FB }
```

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

```
.border{ border-color:#CCE9FB }
```

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

Here you see how a box with a 4 pixel #CCE9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE9FB; -webkit-box-shadow:4px 4px  
4px 4px #CCE9FB; box-shadow:4px 4px 4px  
4px #CCE9FB }
```

# Background

The CSS property to change the background color of an element to Hex CCE9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE9FB }
```

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

```
.background{ background-color:#CCE9FB }
```

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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