

# Converting Colors

Hex(CBE9FE)

Have a look what the booklet for  
Hex(CBE9FE) contains.

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# **Color**

**Hex(CBE9FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE9FE
RGB	203, 233, 254
RGB Percent	80%, 91%, 100%
CMY	0.2039, 0.0863, 0.0039
CMYK	0.20, 0.08, 0.00, 0.00
HSL	205°, 96%, 90%
HSV	205°, 20%, 100%
XYZ	71.6569, 78.1301, 105.0698
YIQ	226.4240, -24.6210, 0.1710

# Conversions

## Conversions Part 2

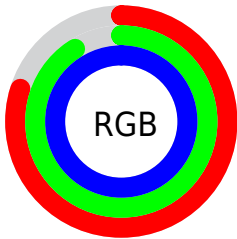
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 222, 254
Decimal	13363710
CIE Lab	90.84, -5.45, -13.43
CIE LCh	91, 14.494, 247.931
Yxy	78.1301, 0.2812, 0.3066
Android (android.graphics.Color)	4291553790 (0xFFCBE9FE)
YUV	226.4240, 13.5950, -20.5428
Hunter-Lab	88.3912, -9.9785, -8.6036

# Details

The Hex color **CBE9FE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEE0CB**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **94B1C5** is the 20% darker color. If you saturate the color by 10%, you get **B2DFFE**, and if you desaturate by 10%, it is **E4F3FE**.

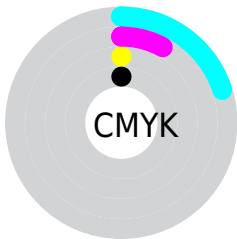
# Distribution



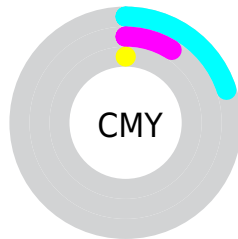
- Red (80%)
- Green (91%)
- Blue (100%)



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



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE9FE 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 CBE9FE by changing the saturation by 10% instead.



 CBE9FE

FFFFFF

 CBE9FE

 AFCDE1

 94B1C5

 7A97AA

 607D90

 486476

 2F4C5D

 173546

 00202F

 00071B

 CBE9FE

 CBE9FE

 B2DFFE

 E4F3FE

 98D4FE

 FEFEFE

 7FCAFE

 FFFFFE

 65BFFE

 4CB5FE

 33AAFE

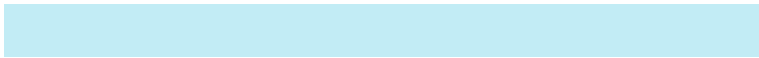
 19A0FE

 0095FE

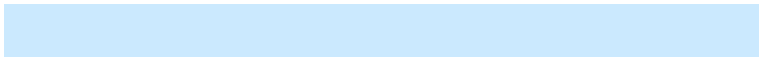
# Harmonies

## Analogous

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



C2ECF5



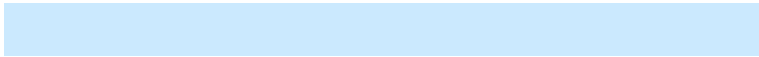
CBE9FE



DBE5FF

# Triad

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



CBE9FE



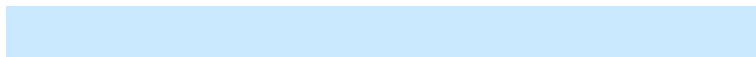
FFDBE1



DCE9CF

# Complementary

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



CBE9FE



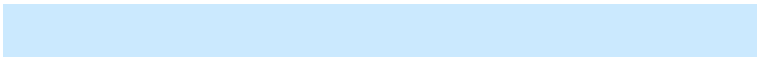
FEE0CB

# 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.



ECE5C9



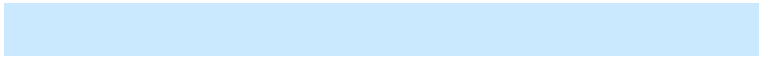
CBE9FE



FFDDD4

# Square

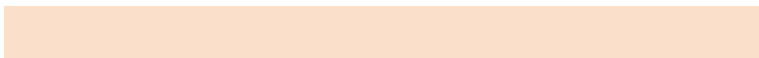
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBE9FE



FADDEF



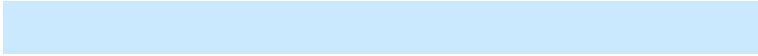
FAE0CB



CDECDA

# Rectangle

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



CBE9FE



E6E2FD



FAE0CB

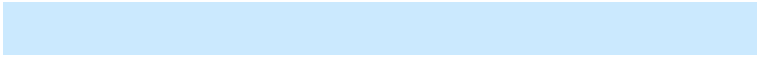


E2E8CC

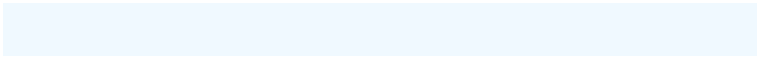


# Sweetspot

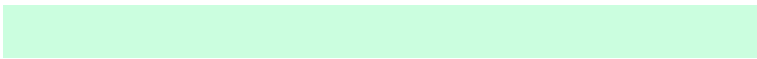
The Sweet Spot groups the original color and five complimentary colors.



CBE9FE



F0F9FF



CBFEDF



777C80



000000

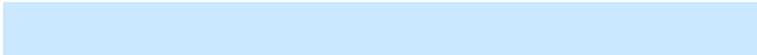


808080

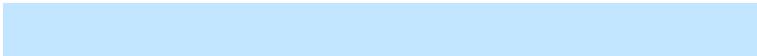


# Same Dimension

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



CBE9FE



C2E6FF



CBD0FE



737A80



0071BF



002640



# Inverse Universe

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



FECBE9



FFC2E6



FEF9CB



80737A



BF0070

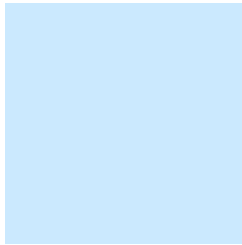


400025



# Previews

## White Background



This preview shows how the Hex color CBE9FE looks on a white background.

## Color Contrast Check

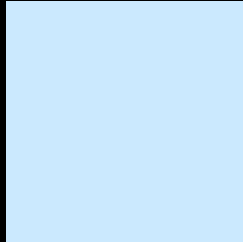
Large Text (above 18pt) WCAG AA × Fail

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 CBE9FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

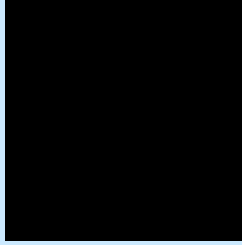
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

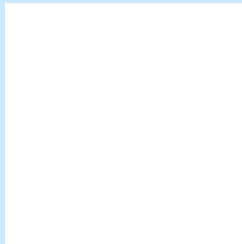
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBE9FE Background



This preview shows how black text looks on a background with the Hex color CBE9FE.

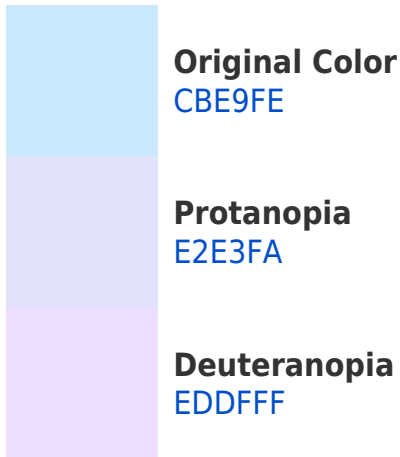


This preview shows how white text looks on a background with the Hex color CBE9FE.

# 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

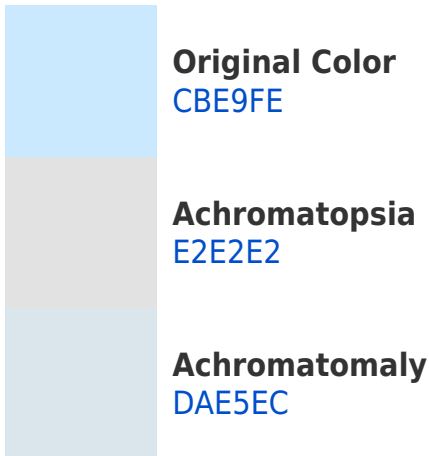




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE9FE 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 #CBE9FE looks like.

```
.text, #text, p{  
    color:#CBE9FE  
}
```

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 #CBE9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE9FE
}
```

## Border

The CSS property to change the border of an element to Hex CBE9FE 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
#CBE9FE }
```

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

```
.border{ border-color:#CBE9FE }
```

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

Here you see how a box with a 4 pixel #CBE9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE9FE; -webkit-box-shadow:4px 4px  
4px 4px #CBE9FE; box-shadow:4px 4px 4px  
4px #CBE9FE }
```

# Background

The CSS property to change the background color of an element to Hex CBE9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE9FE }
```

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

```
.background{ background-color:#CBE9FE }
```

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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