

# Converting Colors

Hex(CBE6FF)

Have a look what the booklet for  
Hex(CBE6FF) contains.

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# **Color**

**Hex(CBE6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE6FF
RGB	203, 230, 255
RGB Percent	80%, 90%, 100%
CMY	0.2039, 0.0980, 0.0000
CMYK	0.20, 0.10, 0.00, 0.00
HSL	209°, 100%, 90%
HSV	209°, 20%, 100%
XYZ	70.9754, 76.5101, 105.6349
YIQ	224.7770, -24.1170, 2.0510

# Conversions

## Conversions Part 2

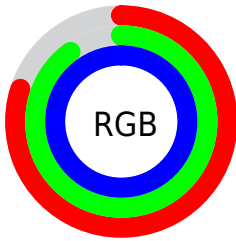
Format	Color
R <sub>Y</sub> B	203, 221, 255
Decimal	13362943
CIE Lab	90.10, -3.69, -15.07
CIE LCh	90, 15.512, 256.247
Yxy	76.5101, 0.2804, 0.3023
Android (android.graphics.Color)	4291553023 (0xFFCBE6FF)
YUV	224.7770, 14.8999, -19.0984
Hunter-Lab	87.4701, -8.2332, -10.3736

# Details

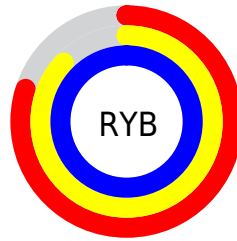
The Hex color **CBE6FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE4CB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **94AFC6** is the 20% darker color. If you saturate the color by 10%, you get **B2DAFF**, and if you desaturate by 10%, it is **E4F2FF**.

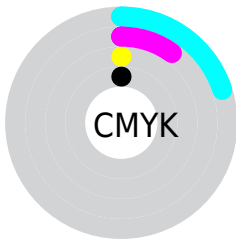
# Distribution



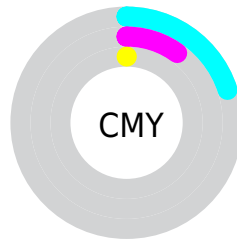
- Red (80%)
- Green (90%)
- Blue (100%)



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



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE6FF 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 CBE6FF by changing the saturation by 10% instead.



 CBE6FF

FFFFFF

 CBE6FF

 AFCAE2


 94AFC6

 7A94AB

 607A90

 486177

 2F4A5E

 173346

 001E30

 00021B

 CBE6FF

 CBE6FF

 B2DAFF

 E4F2FF

 98CDFF

FEFFFF

 7EC1FF

FFFFFF

 65B5FF

 4BA9FF

 329CFF

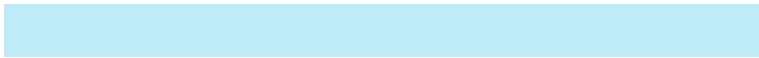
 1890FF

 0084FF

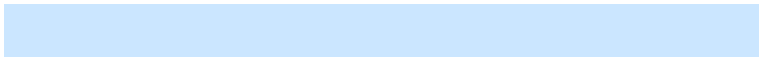
# Harmonies

## Analogous

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



BFEAF7



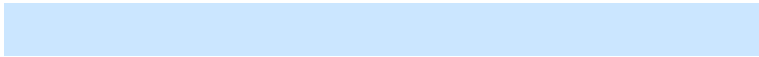
CBE6FF



DDE1FF

# Triad

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



CBE6FF



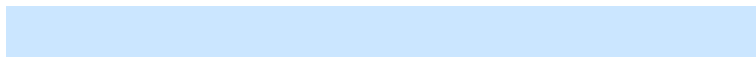
FFD9DB



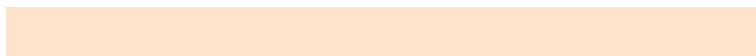
D5E8CE

# Complementary

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



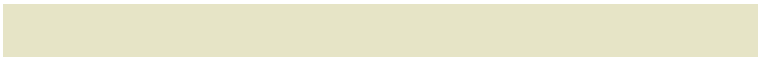
CBE6FF



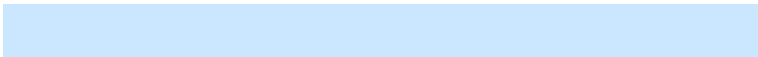
FFE4CB

# Split Complementary

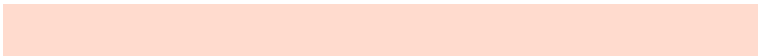
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E6E4C6



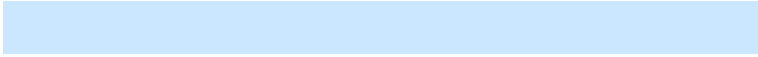
CBE6FF



FFDBCE

# Square

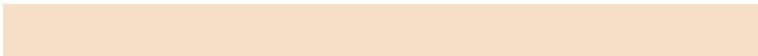
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBE6FF



FDD9EA



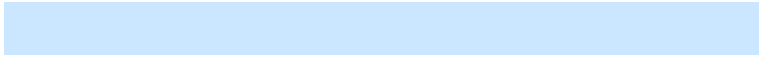
F5DFC6



C6EBDB

# Rectangle

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



CBE6FF



E9DEFB



F5DFC6

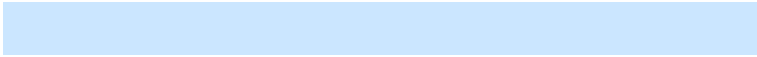


DBE7CB

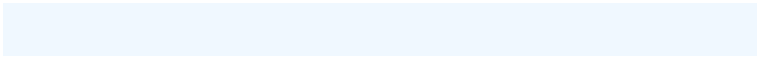


# Sweetspot

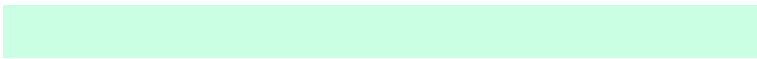
The Sweet Spot groups the original color and five complimentary colors.



CBE6FF



F0F8FF



CBFFE3



777B80



000000

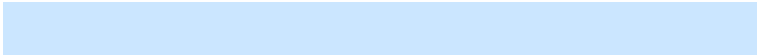


808080

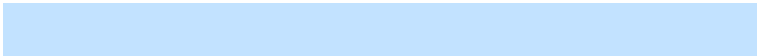


# Same Dimension

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



CBE6FF



C2E2FF



CBCDFF



737980



0063BF



002140



# Inverse Universe

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



FFCBE6



FFC2E2



FFFDCB



807379



BF0063

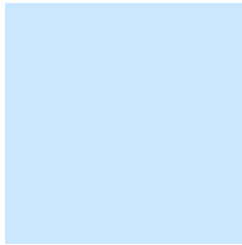


400021



# Previews

## White Background



This preview shows how the Hex color CBE6FF looks on a white background.

## Color Contrast Check

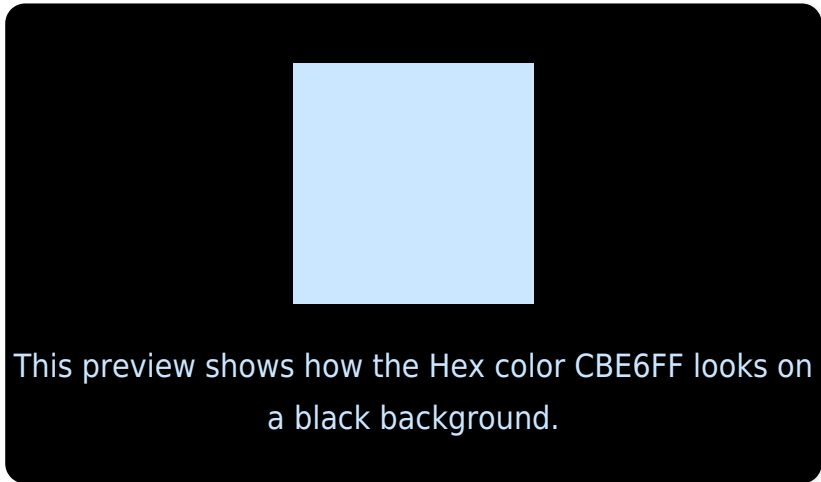
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

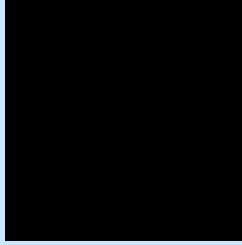
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

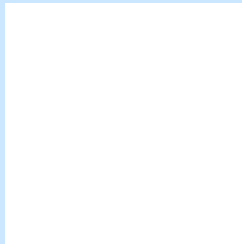
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBE6FF Background



This preview shows how black text looks on a background with the Hex color CBE6FF.



This preview shows how white text looks on a background with the Hex color CBE6FF.

# Color Blindness Simulation

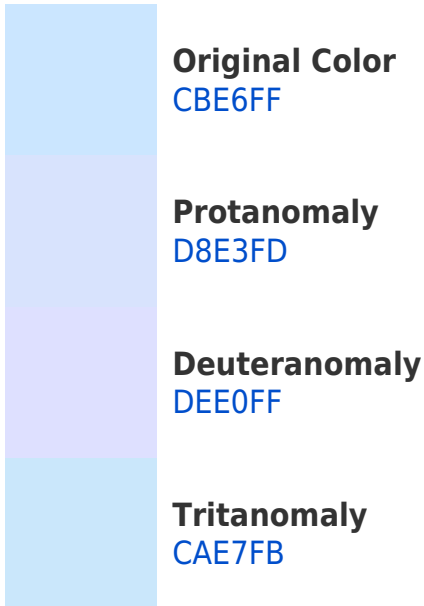
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

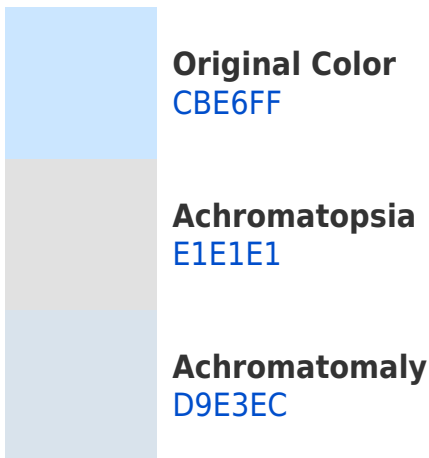




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE6FF 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 #CBE6FF looks like.

```
.text, #text, p{  
    color:#CBE6FF  
}
```

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 #CBE6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE6FF
}
```

## Border

The CSS property to change the border of an element to Hex CBE6FF 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
#CBE6FF }
```

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

```
.border{ border-color:#CBE6FF }
```

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

Here you see how a box with a 4 pixel #CBE6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE6FF; -webkit-box-shadow:4px 4px  
4px 4px #CBE6FF; box-shadow:4px 4px 4px  
4px #CBE6FF }
```

# Background

The CSS property to change the background color of an element to Hex CBE6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE6FF }
```

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

```
.background{ background-color:#CBE6FF }
```

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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