

# Converting Colors

Hex(CEB6FF)

Have a look what the booklet for  
Hex(CEB6FF) contains.

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# **Color**

**Hex(CEB6FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEB6FF
RGB	206, 182, 255
RGB Percent	81%, 71%, 100%
CMY	0.1922, 0.2863, 0.0000
CMYK	0.19, 0.29, 0.00, 0.00
HSL	260°, 100%, 86%
HSV	260°, 29%, 100%
XYZ	60.2315, 53.7977, 101.8172
YIQ	197.4980, -9.1290, 27.7910

# Conversions

## Conversions Part 2

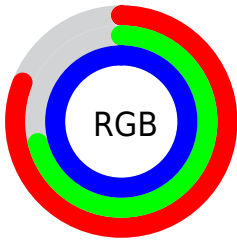
Format	Color
R <sub>Y</sub> B	206, 182, 255
Decimal	13547263
CIE Lab	78.34, 22.82, -32.92
CIE LCh	78, 40.049, 304.728
Yxy	53.7977, 0.2790, 0.2492
Android (android.graphics.Color)	4291737343 (0xFFCEB6FF)
YUV	197.4980, 28.3485, 7.4563
Hunter-Lab	73.3469, 18.2248, -30.9611

# Details

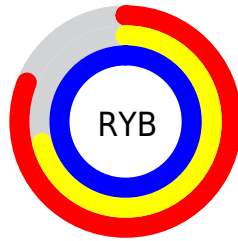
The Hex color **CEB6FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7FFB6**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFEEFF**, and **9781C6** is the 20% darker color. If you saturate the color by 10%, you get **BD9DFF**, and if you desaturate by 10%, it is **DFD0FF**.

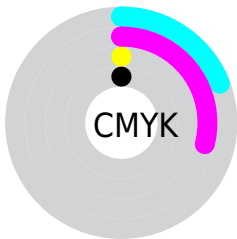
# Distribution



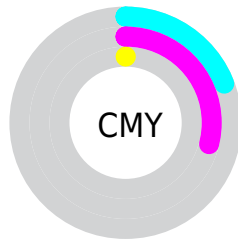
- Red (81%)
- Green (71%)
- Blue (100%)



- Red (81%)
- Yellow (71%)
- Blue (100%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEB6FF 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 CEB6FF by changing the saturation by 10% instead.



 CEB6FF

FFFFFF

 FFEEFF

 CEB6FF

 B29BE2

 9781C6

 7C68AB

 624F90

 493876

 30225D

 170E45

 00002E

 000119

 CEB6FF

 CEB6FF

 BD9DFF

 DFD0FF

 AC83FF

 F0E9FF

 9B6AFF

FFFFFF

 8A50FF

 7837FF

 671DFF

 5604FF

 5400FF

# Harmonies

## Analogous

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



96C3FF



CEB6FF



F6AAE2

# Triad

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



CEB6FF



F5B57F



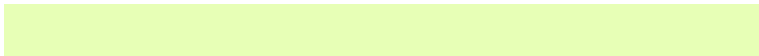
4FD6C7

# Complementary

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



CEB6FF



E7FFB6

# 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.



80D3A1



CEB6FF



D5C177

# Square

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



CEB6FF



FFA999



ADCC83



2DD4EB

# Rectangle

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



CEB6FF



FFA6CA



ADCC83



60D5BA



# Sweetspot

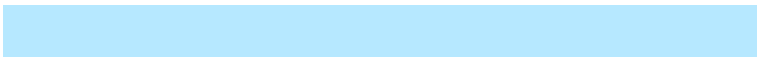
The Sweet Spot groups the original color and five complimentary colors.



CEB6FF



F0E8FF



B6E8FF



767180



000000



808080



# Same Dimension

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



CEB6FF



C5A8FF



F2B6FF



777380



3F00BF



150040



# Inverse Universe

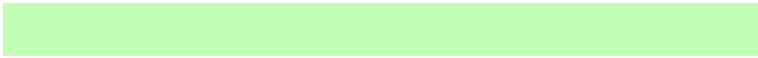
The Inverse Universe completely reimagines the original color for something new.



FFB6E7



FFA8E2



C3FFB6



80737B



BF0080

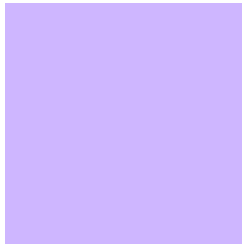


40002B



# Previews

## White Background



This preview shows how the Hex color CEB6FF 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

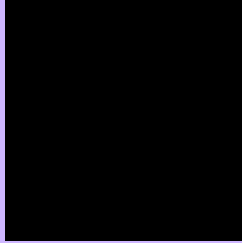
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEB6FF Background



This preview shows how black text looks on a background with the Hex color CEB6FF.

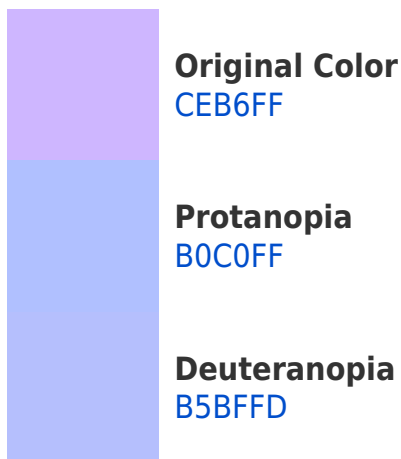


This preview shows how white text looks on a background with the Hex color CEB6FF.

# 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



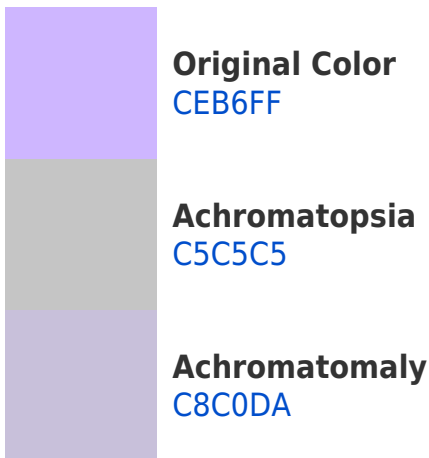


**Tritanopia**  
C5BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEB6FF 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 #CEB6FF looks like.

```
.text, #text, p{  
    color:#CEB6FF  
}
```

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 #CEB6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB6FF
}
```

## Border

The CSS property to change the border of an element to Hex CEB6FF 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
#CEB6FF }
```

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

```
.border{ border-color:#CEB6FF }
```

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

Here you see how a box with a 4 pixel #CEB6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB6FF; -webkit-box-shadow:4px 4px  
4px 4px #CEB6FF; box-shadow:4px 4px 4px  
4px #CEB6FF }
```

# Background

The CSS property to change the background color of an element to Hex CEB6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB6FF }
```

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

```
.background{ background-color:#CEB6FF }
```

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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