

# Converting Colors

Hex(CBBEFF)

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

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# **Color**

**Hex(CBBEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>CBBEFF</code>
RGB	<code>203, 190, 255</code>
RGB Percent	<code>80%, 75%, 100%</code>
CMY	<code>0.2039, 0.2549, 0.0000</code>
CMYK	<code>0.20, 0.25, 0.00, 0.00</code>
HSL	<code>252°, 100%, 87%</code>
HSV	<code>252°, 25%, 100%</code>
XYZ	<code>61.0921, 56.7434, 102.3404</code>
YIQ	<code>201.2970, -13.1170, 22.9710</code>

# Conversions

## Conversions Part 2

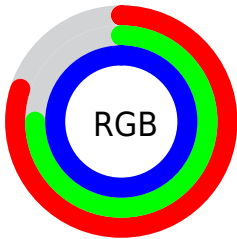
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 190, 255
Decimal	13352703
CIE Lab	80.04, 17.56, -30.33
CIE LCh	80, 35.050, 300.067
Yxy	56.7434, 0.2775, 0.2577
Android (android.graphics.Color)	4291542783 (0xFFCBBEFF)
YUV	201.2970, 26.4756, 1.4935
Hunter-Lab	75.3282, 12.9411, -27.8212

# Details

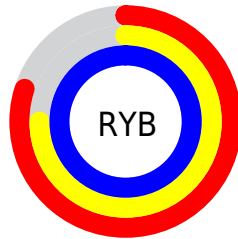
The Hex color **CBBEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2FFBE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF6FF**, and **9489C6** is the 20% darker color. If you saturate the color by 10%, you get **B7A5FF**, and if you desaturate by 10%, it is **DFD8FF**.

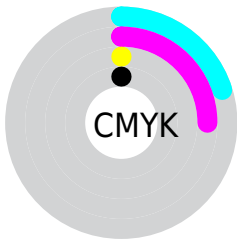
# Distribution



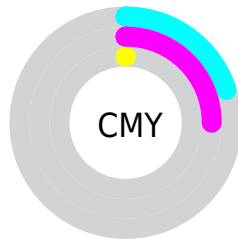
- Red (80%)
- Green (75%)
- Blue (100%)



- Red (80%)
- Yellow (75%)
- Blue (100%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 CBBEFF

FFFFFF

 FFF6FF

 CBBEFF

 AFA3E2

 9489C6

 7A6FAB

 605790

 473F76

 2E295D

 151545

 02002F

 000119

 CBBEFF

 CBBEFF

 B7A5FF

 DFD8FF

 A28BFF

 F4F1FF

 8E72FF

 FFFFFFFF

 7958FF

 653FFF

 5125FF

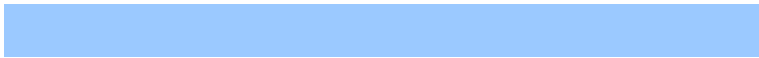
 3C0CFF

 3300FF

# Harmonies

## Analogous

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



9BC9FF



CBBEFF



F0B3E8

# Triad

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



CBBEFF



F8B98F



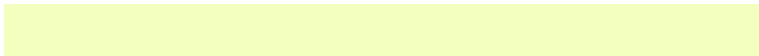
6FD8C5

# Complementary

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



CBBEFF



F2FFBE

# 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.



94D5A5



CBBEFF



DDC485

# Square

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



CBBEFF



FFB0A7



BBCE8D



5AD8E6

# Rectangle

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



CBBEFF



FFAFD3



BBCE8D



7BD8BA



# Sweetspot

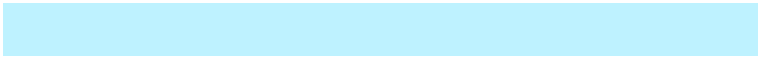
The Sweet Spot groups the original color and five complimentary colors.



CBBEFF



EFE8FF



BEF2FF



757380



000000



808080



# Same Dimension

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



CBBEFF



COB0FF



EABEFF



757380



2600BF



0D0040



# Inverse Universe

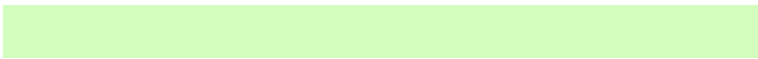
The Inverse Universe completely reimagines the original color for something new.



FFBEF2



FFB0EF



D3FFBE



80737D



BF0099

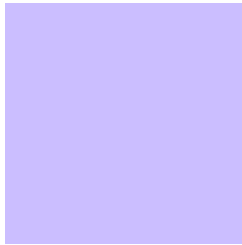


400033



# Previews

## White Background



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

## Color Contrast Check

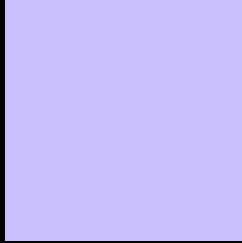
Large Text (above 18pt) WCAG AA × Fail

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 CBBEFF 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 CBBEFF Background



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



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

# 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](#).

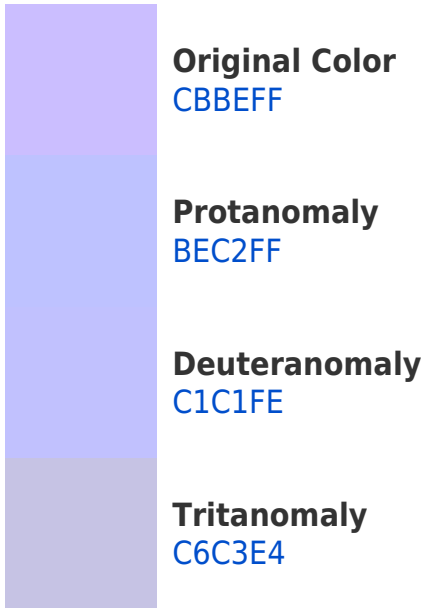
## Dichromacy



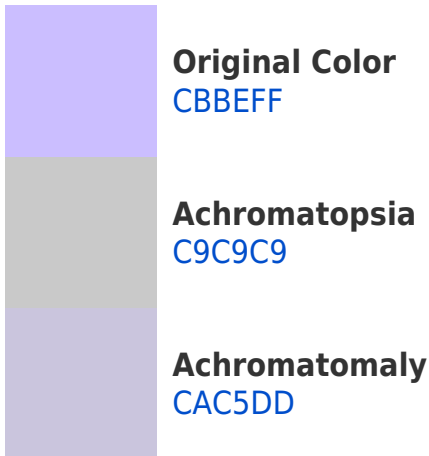


**Tritanopia**  
C3C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CBBEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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