

# Converting Colors

Hex(CBBFF3)

Have a look what the booklet for  
Hex(CBBFF3) contains.

<b>Hex(CBBFF3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBBFF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBBFF3
RGB	203, 191, 243
RGB Percent	80%, 75%, 95%
CMY	0.2039, 0.2510, 0.0471
CMYK	0.16, 0.21, 0.00, 0.05
HSL	254°, 68%, 85%
HSV	254°, 21%, 95%
XYZ	59.4371, 56.4292, 92.5533
YIQ	200.5160, -9.5400, 18.7160

# Conversions

## Conversions Part 2

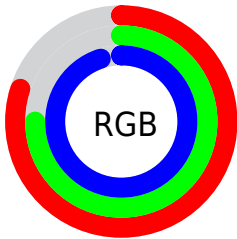
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 191, 243
Decimal	13352947
CIE Lab	79.86, 14.39, -24.18
CIE LCh	80, 28.143, 300.760
Yxy	56.4292, 0.2852, 0.2707
Android (android.graphics.Color)	4291543027 (0xFFCBBFF3)
YUV	200.5160, 20.9446, 2.1785
Hunter-Lab	75.1194, 9.7766, -20.4666

# Details

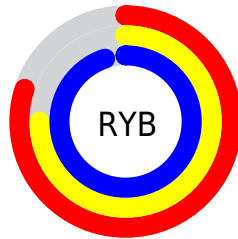
The Hex color **CBBFF3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7F3BF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFF7FF**, and **948ABB** is the 20% darker color. If you saturate the color by 10%, you get **B8A7F3**, and if you desaturate by 10%, it is **DED7F3**.

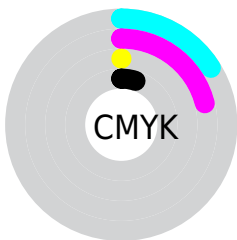
# Distribution



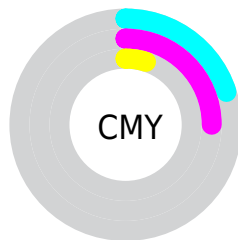
- Red (80%)
- Green (75%)
- Blue (95%)



- Red (80%)
- Yellow (75%)
- Blue (95%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (25%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBBFF3 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 CBBFF3 by changing the saturation by 10% instead.



 CBBFF3

FFFFFF

 FFF7FF

 CBBFF3


 AFA4D7

 948ABB

 7A70A0

 615885

 48406C

 312A53

 19163C

 050027

 00010F

 CBBFF3

 CBBFF3

 B8A7F3

 DED7F3

 A68EF3

 F0F0F3

 9376F3

 FFFFF3

 805EF3

 6E46F3

 5B2DF3

 4815F3

 3800F3

# Harmonies

## Analogous

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



A7C8FA



CBBFF3



E8B7E0

# Triad

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



CBBFF3



EFBC99



84D5C6

# Complementary

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



CBBFF3



E7F3BF

# 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.



9ED2AC



CBBFF3



D9C492

# Square

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



CBBFF3



FBB5AC



BCCC98



78D4E0

# Rectangle

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



CBBFF3



F5B4CF



BCCC98



8CD4BD



# Sweetspot

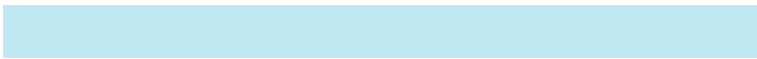
The Sweet Spot groups the original color and five complimentary colors.



CBBFF3



F3F0FF



BFE8F3



797780



000000



808080



# Same Dimension

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



CBBFF3



CCBDFF



E4BFF3



716E7A



2B00BA



0E003B



# Inverse Universe

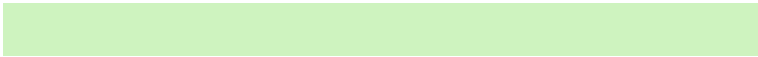
The Inverse Universe completely reimagines the original color for something new.



F3BFE7



FFBDF0



CEF3BF



7A6E78



BA008F



3B002D



# Previews

## White Background



This preview shows how the Hex color CBBFF3 looks on a white background.

## Color Contrast Check

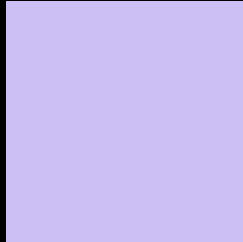
Large Text (above 18pt) WCAG AA × Fail

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 CBBFF3 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 CBBFF3 Background



This preview shows how black text looks on a background with the Hex color CBBFF3.

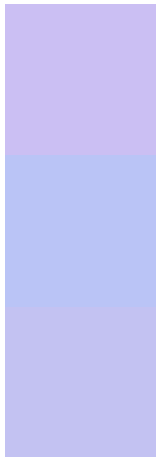


This preview shows how white text looks on a background with the Hex color CBBFF3.

# 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



**Original Color**  
CBBFF3

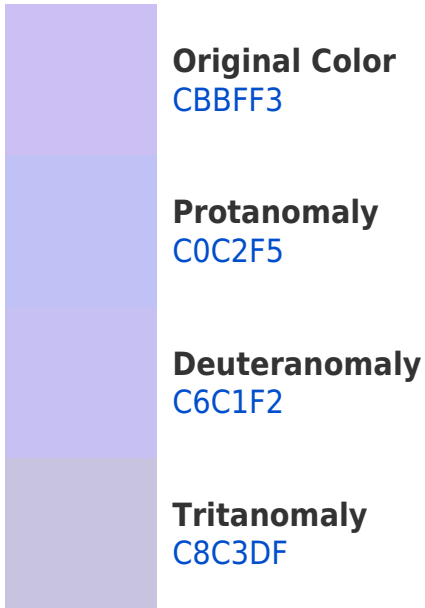
**Protanopia**  
BAC4F6

**Deuteranopia**  
C3C2F2

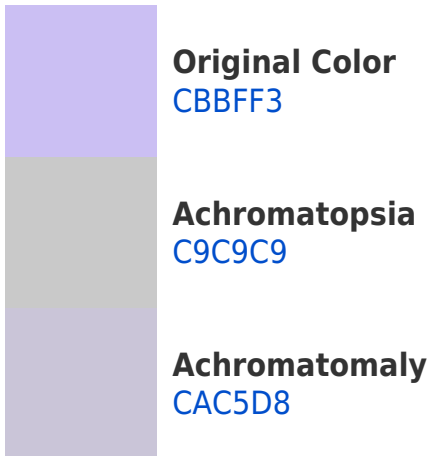


**Tritanopia**  
C6C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBBFF3 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 #CBBFF3 looks like.

```
.text, #text, p{  
    color:#CBBFF3  
}
```

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 #CBBFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBBFF3
}
```

## Border

The CSS property to change the border of an element to Hex CBBFF3 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
#CBBFF3 }
```

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

```
.border{ border-color:#CBBFF3 }
```

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

Here you see how a box with a 4 pixel #CBBFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBBFF3; -webkit-box-shadow:4px 4px  
4px 4px #CBBFF3; box-shadow:4px 4px 4px  
4px #CBBFF3 }
```

# Background

The CSS property to change the background color of an element to Hex CBBFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBBFF3 }
```

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

```
.background{ background-color:#CBBFF3 }
```

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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