

# Converting Colors

Hex(CEBAF9)

Have a look what the booklet for  
Hex(CEBAF9) contains.

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# **Color**

**Hex(CEBAF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEBAF9
RGB	206, 186, 249
RGB Percent	81%, 73%, 98%
CMY	0.1922, 0.2706, 0.0235
CMYK	0.17, 0.25, 0.00, 0.02
HSL	259°, 84%, 85%
HSV	259°, 25%, 98%
XYZ	60.1114, 55.0792, 97.0857
YIQ	199.1620, -8.3030, 23.8330

# Conversions

## Conversions Part 2

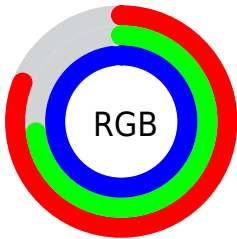
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 186, 249
Decimal	13548281
CIE Lab	79.09, 19.33, -28.56
CIE LCh	79, 34.481, 304.089
Yxy	55.0792, 0.2832, 0.2595
Android (android.graphics.Color)	4291738361 (0xFFCEBAF9)
YUV	199.1620, 24.5701, 5.9969
Hunter-Lab	74.2153, 14.7008, -25.6102

# Details

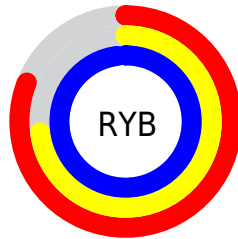
The Hex color **CEBAF9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5F9BA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF2FF**, and **9785C0** is the 20% darker color. If you saturate the color by 10%, you get **BDA1F9**, and if you desaturate by 10%, it is **DFD3F9**.

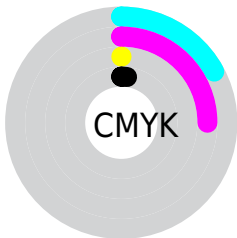
# Distribution



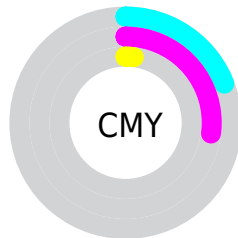
- Red (81%)
- Green (73%)
- Blue (98%)



- Red (81%)
- Yellow (73%)
- Blue (98%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (27%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEBAF9 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 CEBAF9 by changing the saturation by 10% instead.



 CEBAF9

FFFFFF

 FFF2FF

 CEBAF9

 B29FDC

 9785C0

 7D6BA5

 63538B

 4A3C71

 322658

 1A1141

 04002A

 000114

 CEBAF9

 CEBAF9

 BDA1F9

 DFD3F9

 AC88F9

 F0ECF9

 9B6FF9

 FFFFF9

 8A56F9

 793EF9

 6825F9

 570CF9

 4F00F9

# Harmonies

## Analogous

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



A0C5FF



CEBAF9



F1B0E0

# Triad

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



CEBAF9



F2B88B



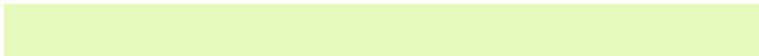
6AD6C7

# Complementary

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



CEBAF9



E5F9BA

# 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.



8ED3A7



CEBAF9



D6C384

# Square

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



CEBAF9



FFAFA1



B3CD8E



5AD4E7

# Rectangle

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



CEBAF9



FEACCC



B3CD8E



75D5BC



# Sweetspot

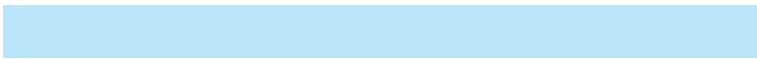
The Sweet Spot groups the original color and five complimentary colors.



CEBAF9



F1EBFF



BAE5F9



777380



000000



808080



# Same Dimension

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



CEBAF9



CBB3FF



EDBAF9



74707D



3C00BD



13003D



# Inverse Universe

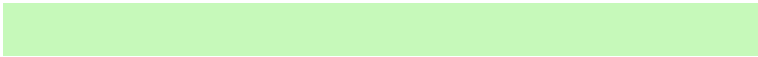
The Inverse Universe completely reimagines the original color for something new.



F9BAE5



FFB3E7



C6F9BA



7D7079



BD0081

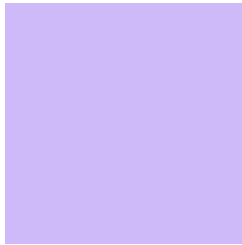


3D002A



# Previews

## White Background



This preview shows how the Hex color CEBAF9 looks on a white background.

## Color Contrast Check

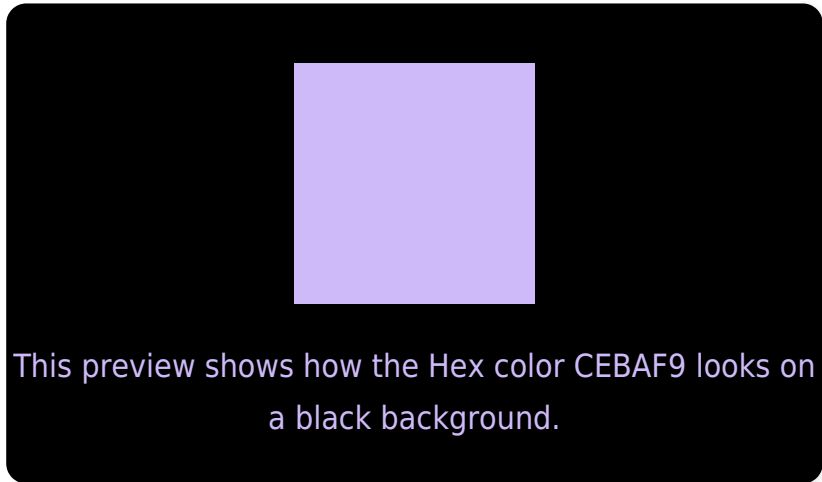
Large Text (above 18pt) WCAG AA × Fail

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

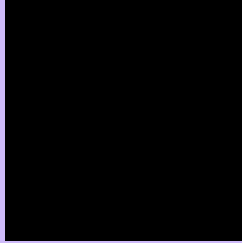
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEBAF9 Background



This preview shows how black text looks on a background with the Hex color CEBAF9.

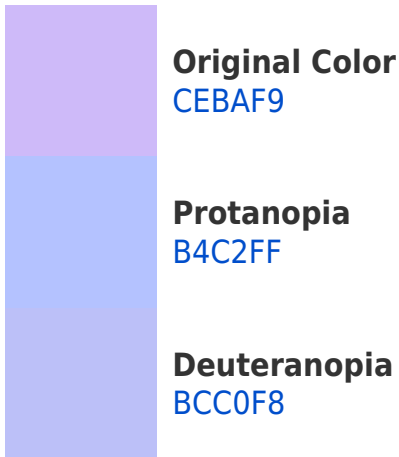


This preview shows how white text looks on a background with the Hex color CEBAF9.

# 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](#).

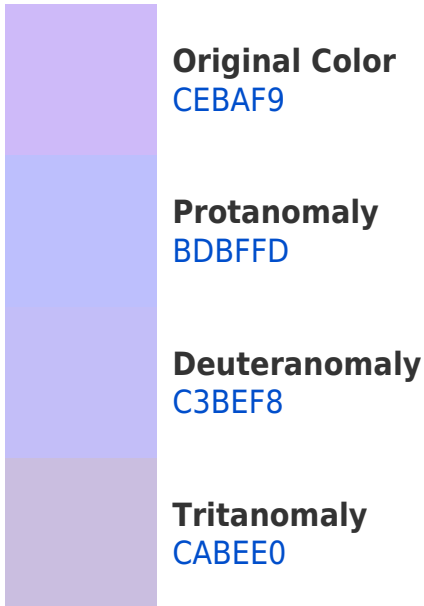
## Dichromacy



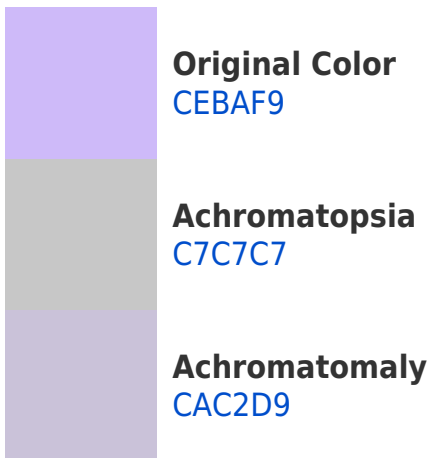


**Tritanopia**  
C7C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEBAF9 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 #CEBAF9 looks like.

```
.text, #text, p{  
    color:#CEBAF9  
}
```

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 #CEBAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEBAF9
}
```

## Border

The CSS property to change the border of an element to Hex CEBAF9 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
#CEBAF9 }
```

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

```
.border{ border-color:#CEBAF9 }
```

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

Here you see how a box with a 4 pixel #CEBAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEBAF9; -webkit-box-shadow:4px 4px  
4px 4px #CEBAF9; box-shadow:4px 4px 4px  
4px #CEBAF9 }
```

# Background

The CSS property to change the background color of an element to Hex CEBAF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEBAF9 }
```

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

```
.background{ background-color:#CEBAF9 }
```

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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