

# Converting Colors

Hex(CBA4FE)

Have a look what the booklet for  
Hex(CBA4FE) contains.

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# Color

Hex(CBA4FE)

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA4FE
RGB	203, 164, 254
RGB Percent	80%, 64%, 100%
CMY	0.2039, 0.3569, 0.0039
CMYK	0.20, 0.35, 0.00, 0.00
HSL	266°, 98%, 82%
HSV	266°, 35%, 100%
XYZ	55.7935, 46.4032, 99.7820
YIQ	185.9210, -5.6460, 36.2580

# Conversions

## Conversions Part 2

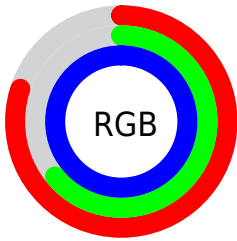
Format	Color
R <sub>Y</sub> B	203, 164, 254
Decimal	13346046
CIE Lab	73.81, 31.55, -39.43
CIE LCh	74, 50.498, 308.671
Yxy	46.4032, 0.2762, 0.2297
Android (android.graphics.Color)	4291536126 (0xFFCBA4FE)
YUV	185.9210, 33.5629, 14.9783
Hunter-Lab	68.1199, 26.9903, -39.1641

# Details

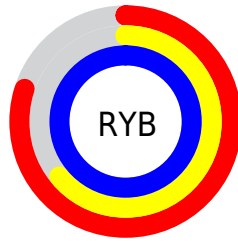
The Hex color **CBA4FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D7FEA4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDBFF**, and **9370C5** is the 20% darker color. If you saturate the color by 10%, you get **BD8BFE**, and if you desaturate by 10%, it is **D9BDFE**.

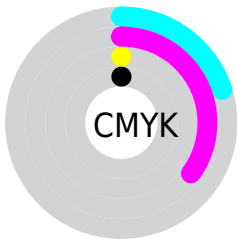
# Distribution



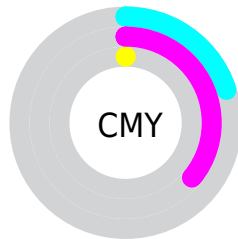
- Red (80%)
- Green (64%)
- Blue (100%)



- Red (80%)
- Yellow (64%)
- Blue (100%)



- Cyan (20%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (36%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA4FE 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 CBA4FE by changing the saturation by 10% instead.



 CBA4FE

FFFFFF

 FFDBFF

 FFF8FF

 CBA4FE

 AF89E1

 9370C5

 7957A9

 5E3F8F

 452875

 2B125C

 120044

 00002D

 000117

 CBA4FE

 CBA4FE

 BD8BFE


 D9BDFE

 AE71FE

 E8D7FE

 A058FE

 F6F0FE

 913EFE

FFFFFFE

 8325FE

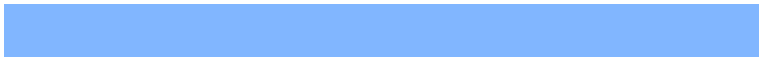
 750CFE

 6E00FE

# Harmonies

## Analogous

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



81B6FF



CBA4FE



F994D8

# Triad

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



CBA4FE



EDA75F



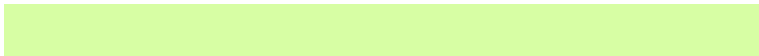
00CDC2

# Complementary

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



CBA4FE



D7FEA4

# 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.



51CB92



CBA4FE



C4B757

# Square

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



CBA4FE



FF977E



93C36A



00CBEE

# Rectangle

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



CBA4FE



FF8FB9



93C36A



00CDB2



# Sweetspot

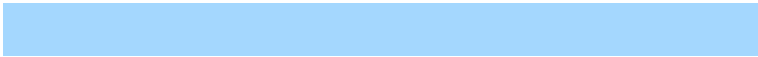
The Sweet Spot groups the original color and five complimentary colors.



CBA4FE



EFE3FF



A4D7FE



766F80



000000



808080



# Same Dimension

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



CBA4FE



C191FF



F6A4FE



787380



5300BF



1C0040



# Inverse Universe

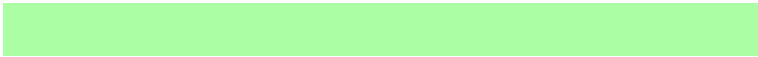
The Inverse Universe completely reimagines the original color for something new.



FEA4D7



FF91CF



ACFEA4



80737A



BF006C

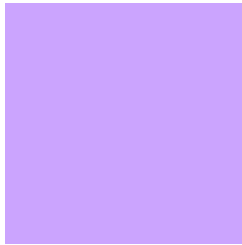


400024



# Previews

## White Background



This preview shows how the Hex color CBA4FE looks on a white background.

## Color Contrast Check

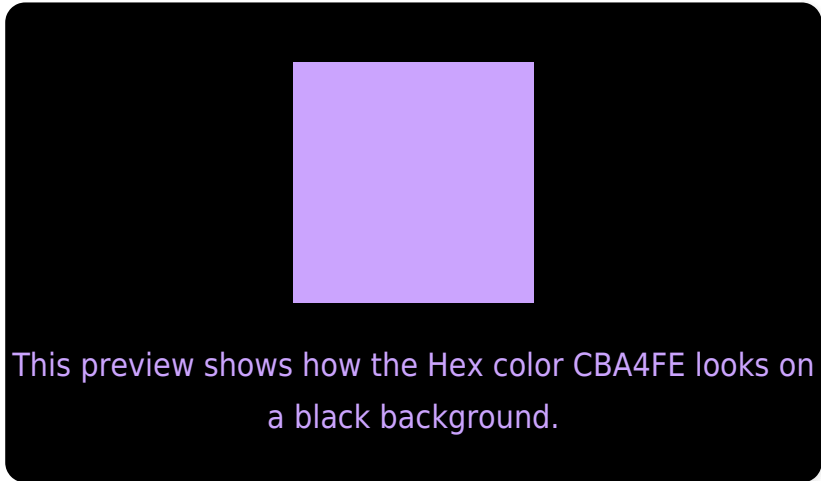
Large Text (above 18pt) WCAG AA × Fail

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 CBA4FE Background



This preview shows how black text looks on a background with the Hex color CBA4FE.



This preview shows how white text looks on a background with the Hex color CBA4FE.

# Color Blindness Simulation

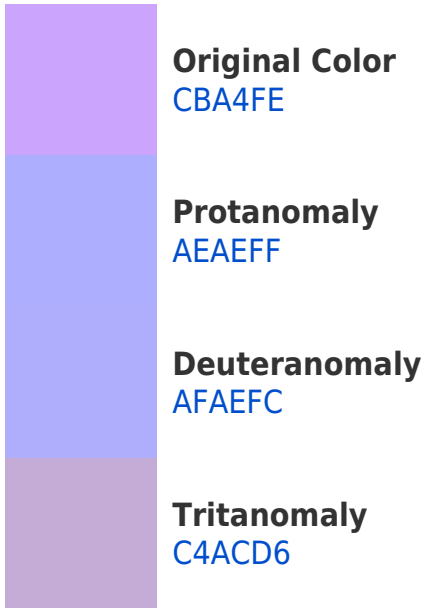
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

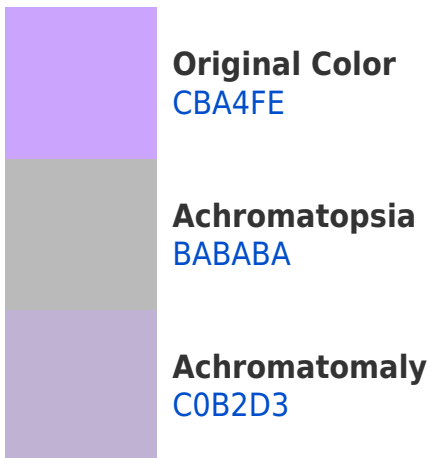




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA4FE 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 #CBA4FE looks like.

```
.text, #text, p{  
    color:#CBA4FE  
}
```

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 #CBA4FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA4FE
}
```

## Border

The CSS property to change the border of an element to Hex CBA4FE 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
#CBA4FE }
```

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

```
.border{ border-color:#CBA4FE }
```

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

Here you see how a box with a 4 pixel #CBA4FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA4FE; -webkit-box-shadow:4px 4px  
4px 4px #CBA4FE; box-shadow:4px 4px 4px  
4px #CBA4FE }
```

# Background

The CSS property to change the background color of an element to Hex CBA4FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA4FE }
```

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

```
.background{ background-color:#CBA4FE }
```

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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