

# Converting Colors

Hex(CABAF7)

Have a look what the booklet for  
Hex(CABAF7) contains.

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# **Color**

**Hex(CABAF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CABAF7
RGB	202, 186, 247
RGB Percent	79%, 73%, 97%
CMY	0.2078, 0.2706, 0.0314
CMYK	0.18, 0.25, 0.00, 0.03
HSL	256°, 79%, 85%
HSV	256°, 25%, 97%
XYZ	58.7045, 54.3898, 95.3999
YIQ	197.7380, -10.0450, 22.3630

# Conversions

## Conversions Part 2

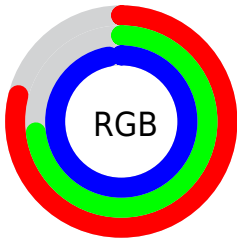
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 186, 247</a>
Decimal	<a href="#">13286135</a>
CIELab	<a href="#">78.69, 17.67, -28.12</a>
CIElCh	<a href="#">79, 33.212, 302.140</a>
Yxy	<a href="#">54.3898, 0.2816, 0.2609</a>
Android (android.graphics.Color)	<a href="#">4291476215 (0xFFCABAF7)</a>
YUV	<a href="#">197.7380, 24.2862, 3.7378</a>
Hunter-Lab	<a href="#">73.7494, 13.0245, -25.0711</a>

# Details

The Hex color **CABAF7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7F7BA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF2FF**, and **9385BE** is the 20% darker color. If you saturate the color by 10%, you get **B8A1F7**, and if you desaturate by 10%, it is **DCD3F7**.

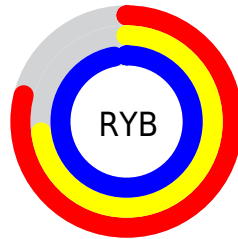
# Distribution



Red (79%)

Green (73%)

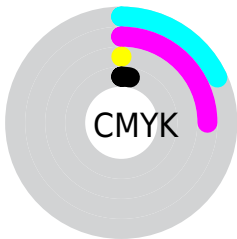
Blue (97%)



Red (79%)

Yellow (73%)

Blue (97%)

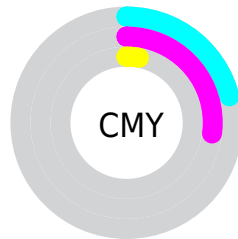


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (27%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CABAF7 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 CABAF7 by changing the saturation by 10% instead.



 CABAF7

 CABAF7

FFFFFF

 AE9FDA

 FFF2FF

 9385BE

 796CA3

 5F5389

 473C6F

 2F2657

 16123F

 000029

 000113

 CABA F7

 CABA F7

 B8A1 F7


 DCD3 F7

 A689 F7

 EEEB F7

 9370 F7

 FFFF F7

 8157 F7

 6F3F F7

 5D26 F7

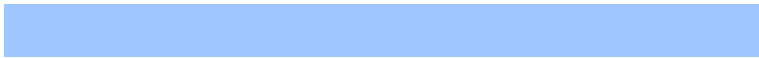
 4A0D F7

 4100 F7

# Harmonies

## Analogous

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



9EC5FF



CABAF7



ECB0E0

# Triad

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



CABAF7



F0B78D



70D4C4

# Complementary

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



CABAF7



E7F7BA

# 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.



91D1A5



CABAF7



D6C185

# Square

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



CABAF7



FFAEA3



B5CB8E



5FD3E2

# Rectangle

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



CABAF7



FAACCC



B5CB8E



7AD3B9



# Sweetspot

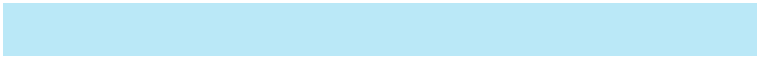
The Sweet Spot groups the original color and five complimentary colors.



CABAF7



F2EDFF



BAE8F7



787580



000000



808080



# Same Dimension

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



CABAF7



C7B3FF



E8BAF7



716E7A



3100BA



0F003B



# Inverse Universe

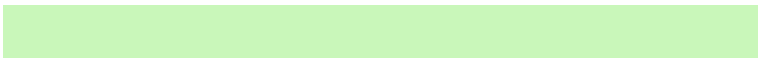
The Inverse Universe completely reimagines the original color for something new.



F7BAE7



FFB3EB



C9F7BA



7A6E77



BA0089

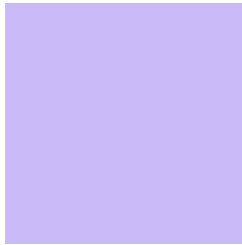


3B002B



# Previews

## White Background



This preview shows how the Hex color CABA7F looks on a white background.

## Color Contrast Check

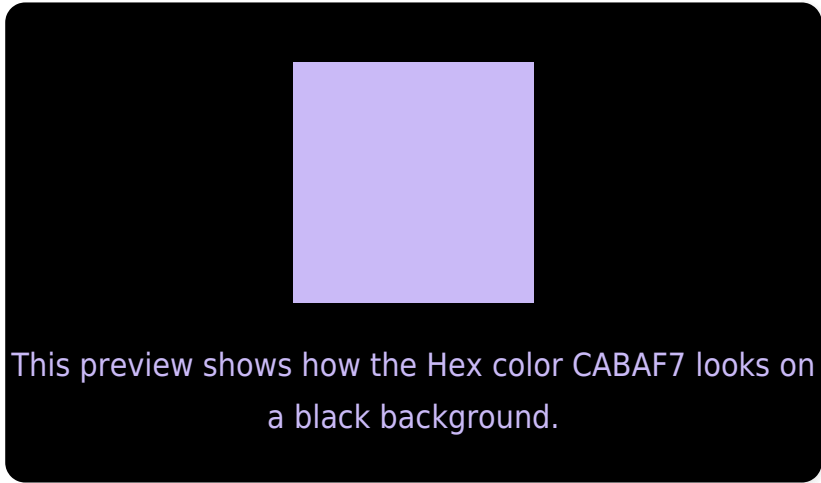
Large Text (above 18pt) WCAG AA × Fail

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 CABAF7 Background



This preview shows how black text looks on a background with the Hex color CABAF7.

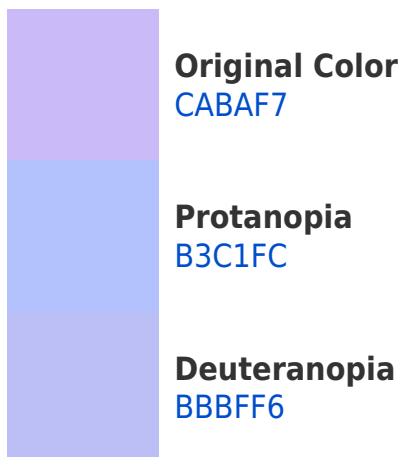


This preview shows how white text looks on a background with the Hex color CABAF7.

# 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](#).

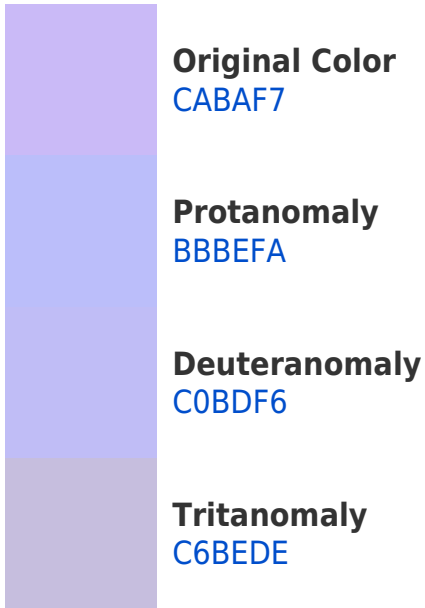
## Dichromacy



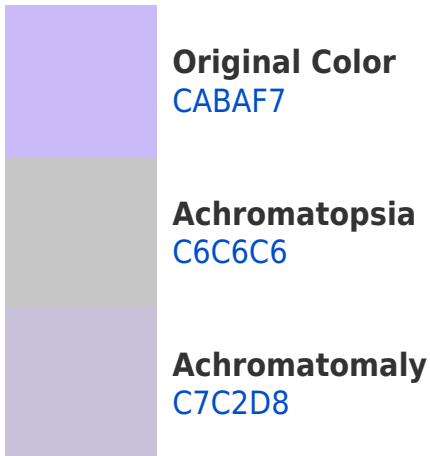


**Tritanopia**  
C3C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CABAF7 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 #CABAF7 looks like.

```
.text, #text, p{  
    color:#CABAF7  
}
```

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 #CABAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CABAF7
}
```

## Border

The CSS property to change the border of an element to Hex CABAF7 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
#CABAF7 }
```

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

```
.border{ border-color:#CABAF7 }
```

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

Here you see how a box with a 4 pixel #CABAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CABAF7; -webkit-box-shadow:4px 4px  
4px 4px #CABAF7; box-shadow:4px 4px 4px  
4px #CABAF7 }
```

# Background

The CSS property to change the background color of an element to Hex CABAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CABAF7 }
```

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

```
.background{ background-color:#CABAF7 }
```

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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