

Converting Colors

Hex(CBB0F7)

Have a look what the booklet for
Hex(CBB0F7) contains.

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Color

Hex(CBB0F7)

Conversions

Conversions Part 1

Format	Color
Hex	CBB0F7
RGB	203, 176, 247
RGB Percent	80%, 69%, 97%
CMY	0.2039, 0.3098, 0.0314
CMYK	0.18, 0.29, 0.00, 0.03
HSL	263°, 82%, 83%
HSV	263°, 29%, 97%
XYZ	56.9424, 50.4626, 94.7347
YIQ	192.1670, -6.6990, 27.8050

Conversions

Conversions Part 2

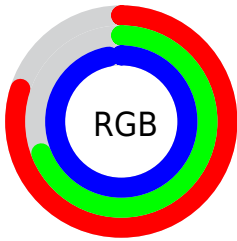
Format	Color
R _Y B	203, 176, 247
Decimal	13349111
CIE Lab	76.35, 23.43, -31.70
CIE LCh	76, 39.425, 306.470
Yxy	50.4626, 0.2817, 0.2496
Android (android.graphics.Color)	4291539191 (0xFFCBB0F7)
YUV	192.1670, 27.0327, 9.5005
Hunter-Lab	71.0370, 18.7687, -29.3430

Details

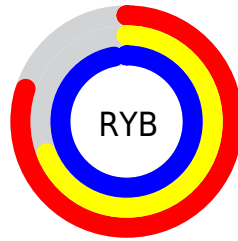
The Hex color **CBB0F7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **DCF7B0**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE8FF**, and **947BBE** is the 20% darker color. If you saturate the color by 10%, you get **BC97F7**, and if you desaturate by 10%, it is **DAC9F7**.

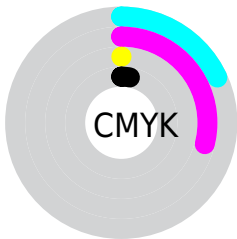
Distribution



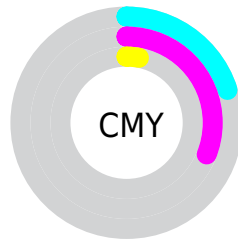
- Red (80%)
- Green (69%)
- Blue (97%)



- Red (80%)
- Yellow (69%)
- Blue (97%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB0F7 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 CBB0F7 by changing the saturation by 10% instead.

 CBB0F7

 CBB0F7

FFFFFF

 AF95DA

 FFE8FF

 947BBE

 7962A3

 604A89

 47336F

 2E1E56

 16083F

 000028

 000112

 CBB0F7

 CBB0F7

 BC97F7

 DAC9F7

 AC7FF7

 EAE1F7

 9D66F7

 F9FAF7

 8E4DF7

 FFFFF7

 7E34F7

 6F1CF7

 6003F7

 5E00F7

Harmonies

Analogous

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



95BDFE



CBB0F7



F1A4DA

Triad

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



CBB0F7



EDB07A



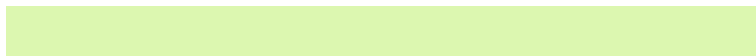
49D0C3

Complementary

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



CBB0F7



DCF7B0

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.



79CE9E



CBB0F7



CDBD73

Square

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



CBB0F7



FFA593



A6C780



29CEE6

Rectangle

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



CBB0F7



FFA0C2



A6C780



59D0B7

Sweetspot

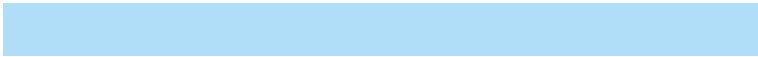
The Sweet Spot groups the original color and five complimentary colors.



CBB0F7



F1E8FF



B0DDF7



777180



000000



808080

Same Dimension

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



CBB0F7



C9A8FF



EEB0F7



736E7A



4700BA



16003B

Inverse Universe

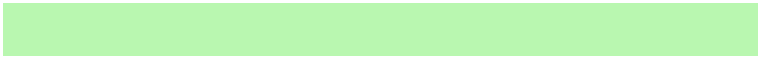
The Inverse Universe completely reimagines the original color for something new.



F7B0DC



FFA8DE



B9F7B0



7A6E76



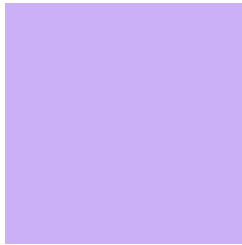
BA0073



3B0024

Previews

White Background



This preview shows how the Hex color CBB0F7 looks on a white background.

Color Contrast Check

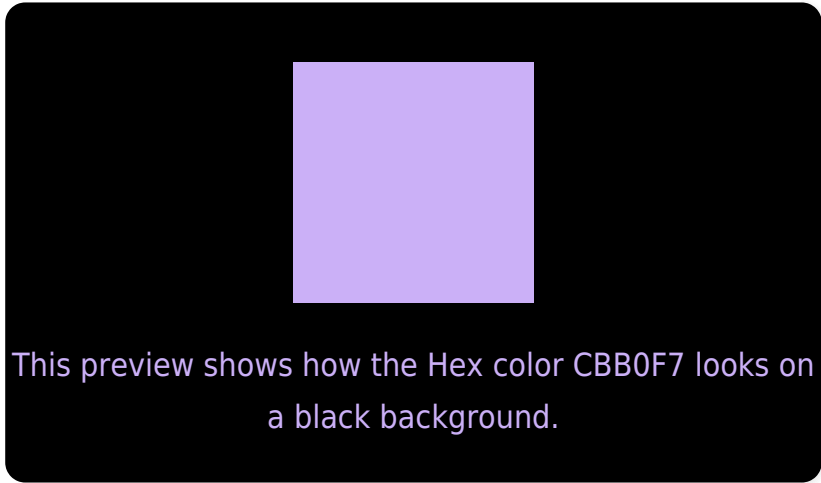
Large Text (above 18pt) WCAG AA × Fail

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

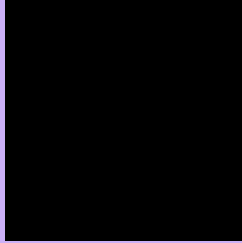
Any Text WCAG AA ✓ Pass

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 CBB0F7 Background



This preview shows how black text looks on a background with the Hex color CBB0F7.

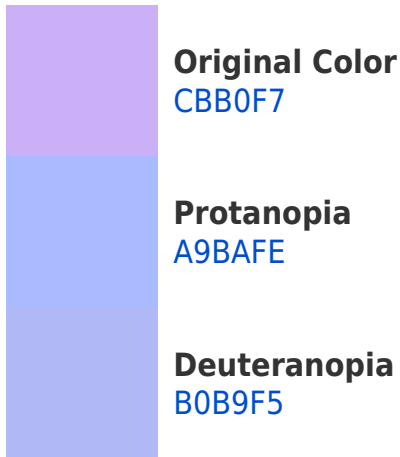


This preview shows how white text looks on a background with the Hex color CBB0F7.

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



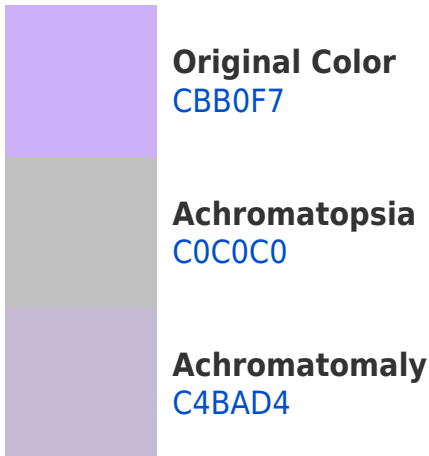


Tritanopia
C3B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBB0F7 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 #CBB0F7 looks like.

```
.text, #text, p{  
    color:#CBB0F7  
}
```

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 #CBB0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB0F7
}
```

Border

The CSS property to change the border of an element to Hex CBB0F7 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
#CBB0F7 }
```

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

```
.border{ border-color:#CBB0F7 }
```

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

Here you see how a box with a 4 pixel #CBB0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB0F7; -webkit-box-shadow:4px 4px  
4px 4px #CBB0F7; box-shadow:4px 4px 4px  
4px #CBB0F7 }
```

Background

The CSS property to change the background color of an element to Hex CBB0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB0F7 }
```

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

```
.background{ background-color:#CBB0F7 }
```

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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