

Converting Colors

Hex(CB81F3)

Have a look what the booklet for
Hex(CB81F3) contains.

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Color

Hex(CB81F3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CB81F3 |
| RGB | 203, 129, 243 |
| RGB Percent | 80%, 51%, 95% |
| CMY | 0.2039, 0.4941, 0.0471 |
| CMYK | 0.16, 0.47, 0.00, 0.05 |
| HSL | 279°, 83%, 73% |
| HSV | 279°, 47%, 95% |
| XYZ | 48.6565, 34.8681, 88.9598 |
| YIQ | 164.1220, 7.5100, 51.1420 |

Conversions

Conversions Part 2

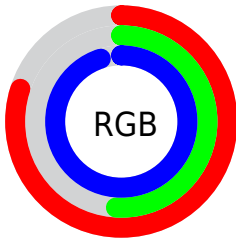
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 129, 243 |
| Decimal | 13337075 |
| CIE Lab | 65.65, 48.06, -46.20 |
| CIE LCh | 66, 66.665, 316.128 |
| Yxy | 34.8681, 0.2821, 0.2022 |
| Android (android.graphics.Color) | 4291527155 (0xFFCB81F3) |
| YUV | 164.1220, 38.8869, 34.0960 |
| Hunter-Lab | 59.0492, 43.7478, -47.9881 |

Details

The Hex color **CB81F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A9F381**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB8FF**, and **934DBA** is the 20% darker color. If you saturate the color by 10%, you get **C269F3**, and if you desaturate by 10%, it is **D499F3**.

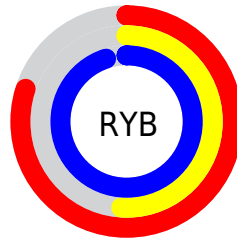
Distribution



Red (80%)

Green (51%)

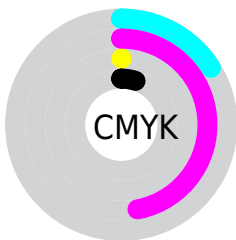
Blue (95%)



Red (80%)

Yellow (51%)

Blue (95%)

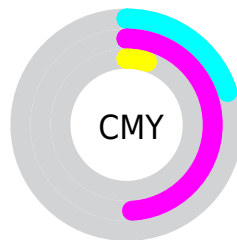


Cyan (16%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB81F3 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 CB81F3 by changing the saturation by 10% instead.

 CB81F3

 CB81F3

FFFFFF

 AE67D6

 FFB8FF

 934DBA

 FFD4FF

 77339F

 FFF1FF

 5C1884

 42006B

 270052

 0B003A

 000223

 00000A

 CB81F3

 CB81F3

 C269F3

 D499F3

 BA50F3

 DCB2F3

 B138F3

 E5CAF3

 A920F3

 EDE2F3

 A008F3

 F6FBF3

 9E00F3

 FEFFF3

 FFFF3

Harmonies

Analogous

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



669BFF



CB81F3



FD6ABE

Triad

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



CB81F3



D4931E



00BCBF

Complementary

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



CB81F3



A9F381

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.



00BA81



CB81F3



9FA619

Square

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



CB81F3



FB7A4B



58B347



00B8F5

Rectangle

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



CB81F3



FF6496



58B347



00BCAA

Sweetspot

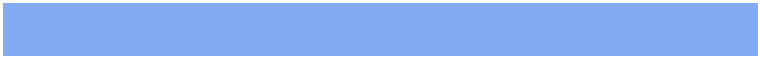
The Sweet Spot groups the original color and five complimentary colors.



CB81F3



F2DBFF



81ABF3



786A80



000000



808080

Same Dimension

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



CB81F3



CD70FF



F381E4



766E7A



7900BA



26003B

Inverse Universe

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



F381A9



FF70A2



81F390



7A6E72



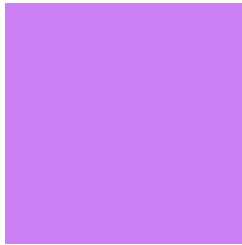
BA0041



3B0015

Previews

White Background



This preview shows how the Hex color CB81F3 looks on a white background.

Color Contrast Check

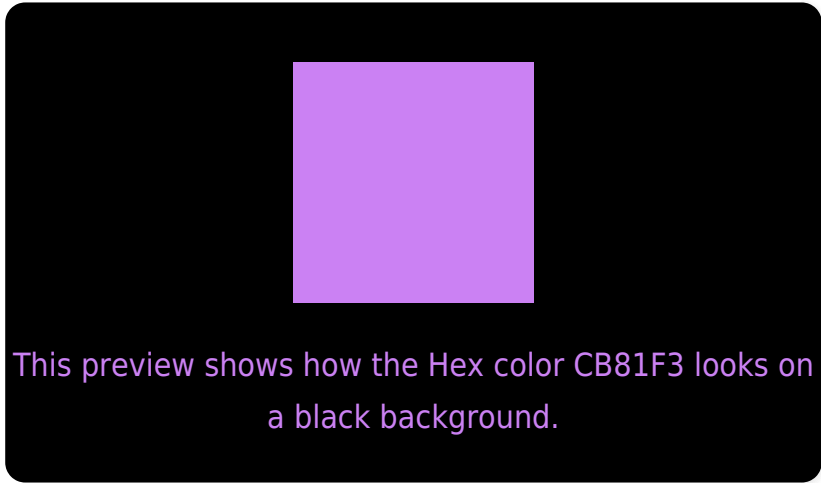
Large Text (above 18pt) WCAG AA × Fail

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

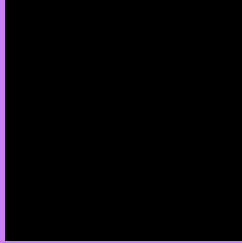
Any Text WCAG AA ✓ Pass

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 CB81F3 Background



This preview shows how black text looks on a background with the Hex color CB81F3.

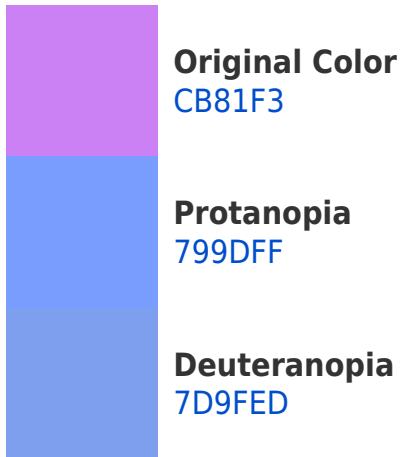


This preview shows how white text looks on a background with the Hex color CB81F3.

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](#).

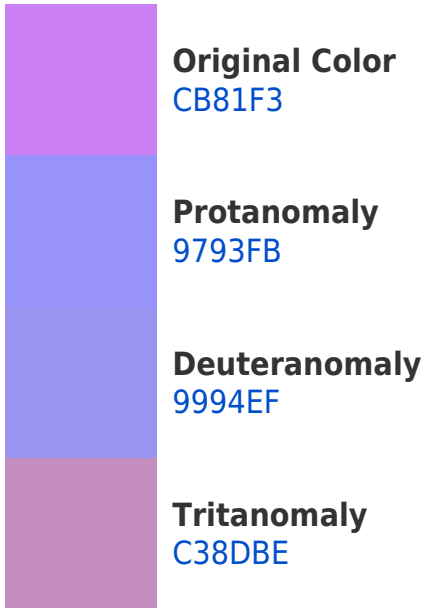
Dichromacy



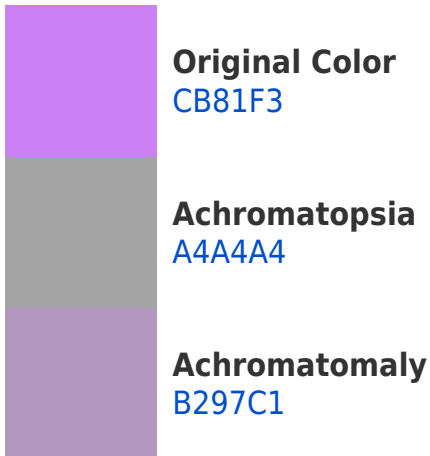


Tritanopia
BE94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB81F3 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 #CB81F3 looks like.

```
.text, #text, p{  
    color:#CB81F3  
}
```

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 #CB81F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB81F3
}
```

Border

The CSS property to change the border of an element to Hex CB81F3 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
#CB81F3 }
```

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

```
.border{ border-color:#CB81F3 }
```

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

Here you see how a box with a 4 pixel #CB81F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB81F3; -webkit-box-shadow:4px 4px  
4px 4px #CB81F3; box-shadow:4px 4px 4px  
4px #CB81F3 }
```

Background

The CSS property to change the background color of an element to Hex CB81F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB81F3 }
```

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

```
.background{ background-color:#CB81F3 }
```

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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