

Converting Colors

Hex(CB91F3)

Have a look what the booklet for
Hex(CB91F3) contains.

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Color

Hex(CB91F3)

Conversions

Conversions Part 1

Format	Color
Hex	CB91F3
RGB	203, 145, 243
RGB Percent	80%, 57%, 95%
CMY	0.2039, 0.4314, 0.0471
CMYK	0.16, 0.40, 0.00, 0.05
HSL	276°, 80%, 76%
HSV	276°, 40%, 95%
XYZ	50.9317, 39.4184, 89.7181
YIQ	173.5140, 3.1100, 42.7740

Conversions

Conversions Part 2

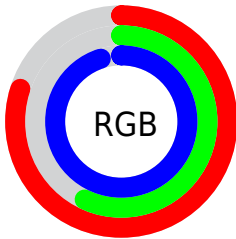
Format	Color
R _Y B	203, 145, 243
Decimal	13341171
CIE Lab	69.05, 39.51, -40.86
CIE LCh	69, 56.836, 314.040
Yxy	39.4184, 0.2828, 0.2189
Android (android.graphics.Color)	4291531251 (0xFFCB91F3)
YUV	173.5140, 34.2566, 25.8592
Hunter-Lab	62.7841, 34.9306, -40.7763

Details

The Hex color **CB91F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9F391**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC8FF**, and **935DBA** is the 20% darker color. If you saturate the color by 10%, you get **C179F3**, and if you desaturate by 10%, it is **D5A9F3**.

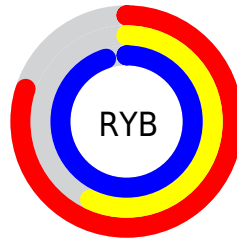
Distribution



Red (80%)

Green (57%)

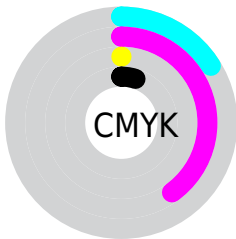
Blue (95%)



Red (80%)

Yellow (57%)

Blue (95%)

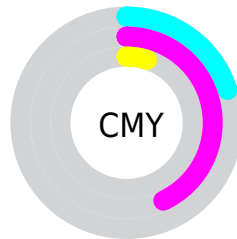


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (43%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB91F3 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 CB91F3 by changing the saturation by 10% instead.

 CB91F3

 CB91F3

FFFFFF

 AF77D6

 FFC8FF

 935DBA

 FFE4FF

 78449F

 5E2C85

 44136B

 2A0052

 16003B

 000224

 00000B

 CB91F3

 CB91F3

 C179F3

 D5A9F3

 B760F3

 DFC2F3

 AD48F3

 E9DAF3

 A330F3

 F3F2F3

 9918F3

 FDFFF3

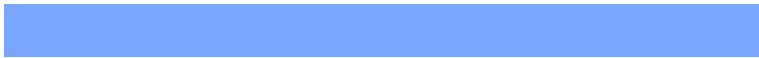
 9000F3

 FFFFF3

Harmonies

Analogous

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



79A6FF



CB91F3



F97FC6

Triad

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



CB91F3



DC9C42



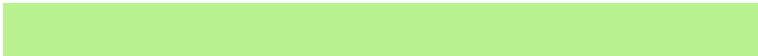
00C2C0

Complementary

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



CB91F3



B9F391

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.



00C08A



CB91F3



AEAD3E

Square

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



CB91F3



FC8863



74BA5B



00BFEF

Rectangle

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



CB91F3



FF7BA4



74BA5B



00C2AE

Sweetspot

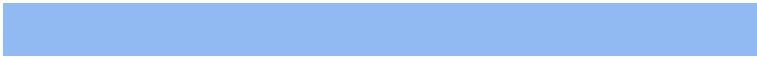
The Sweet Spot groups the original color and five complimentary colors.



CB91F3



F3E0FF



91BAF3



786E80



000000



808080

Same Dimension

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



CB91F3



CD85FF



F391EB



756E7A



6E00BA



23003B

Inverse Universe

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



F391B9



FF85B7



91F399



7A6E73



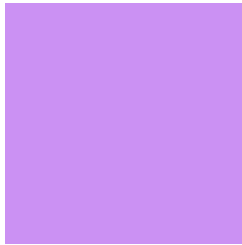
BA004C



3B0018

Previews

White Background



This preview shows how the Hex color CB91F3 looks on a white background.

Color Contrast Check

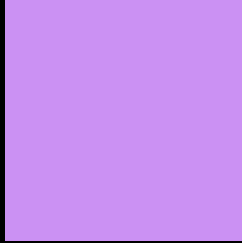
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CB91F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

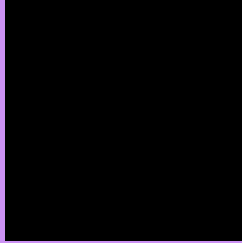
Any Text WCAG AA ✓ Pass

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 CB91F3 Background



This preview shows how black text looks on a background with the Hex color CB91F3.

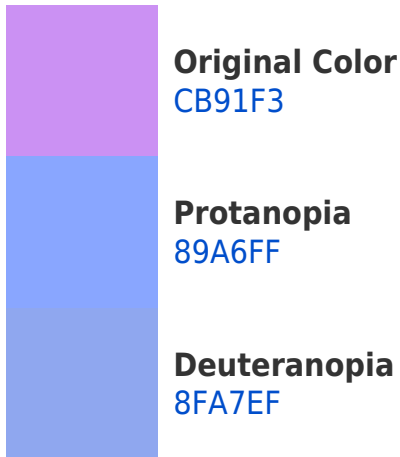


This preview shows how white text looks on a background with the Hex color CB91F3.

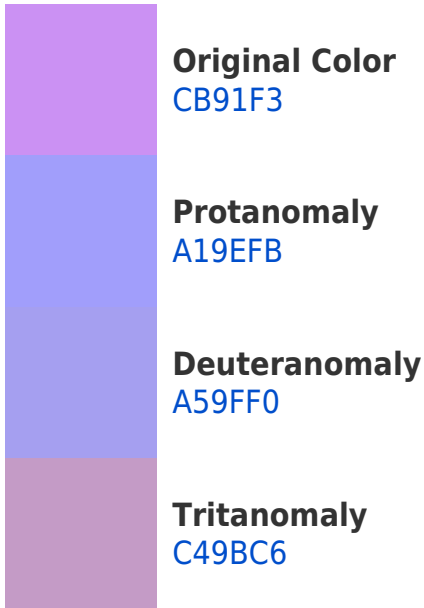
Color Blindness Simulation

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](#).

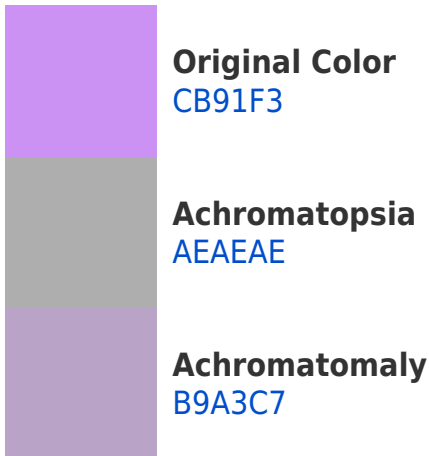
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB91F3 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 #CB91F3 looks like.

```
.text, #text, p{  
  color:#CB91F3  
}
```

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 #CB91F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB91F3
}
```

Border

The CSS property to change the border of an element to Hex CB91F3 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
#CB91F3 }
```

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

```
.border{ border-color:#CB91F3 }
```

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

Here you see how a box with a 4 pixel #CB91F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB91F3; -webkit-box-shadow:4px 4px  
4px 4px #CB91F3; box-shadow:4px 4px 4px  
4px #CB91F3 }
```

Background

The CSS property to change the background color of an element to Hex CB91F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB91F3 }
```

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

```
.background{ background-color:#CB91F3 }
```

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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