

Converting Colors

Hex(BC91EB)

Have a look what the booklet for
Hex(BC91EB) contains.

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Color

Hex(**BC91EB**)

Conversions

Conversions Part 1

Format	Color
Hex	BC91EB
RGB	188, 145, 235
RGB Percent	74%, 57%, 92%
CMY	0.2627, 0.4314, 0.0784
CMYK	0.20, 0.38, 0.00, 0.08
HSL	269°, 69%, 75%
HSV	269°, 38%, 92%
XYZ	45.8598, 36.9403, 83.3104
YIQ	168.1170, -3.2620, 37.1060

Conversions

Conversions Part 2

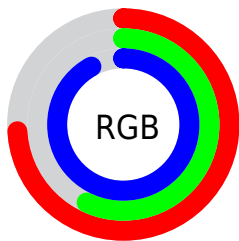
Format	Color
RYB	188, 145, 235
Decimal	12358123
CIELab	67.23, 33.40, -39.42
CIELCh	67, 51.672, 310.276
Yxy	36.9403, 0.2761, 0.2224
Android (android.graphics.Color)	4290548203 (0xFFBC91EB)
YUV	168.1170, 32.9733, 17.4374
Hunter-Lab	60.7786, 28.3229, -38.7250

Details

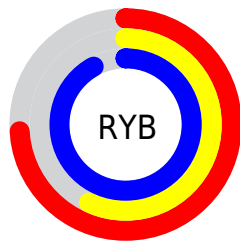
The Hex color **BC91EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C0EB91**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F5C7FF**, and **855EB3** is the 20% darker color. If you saturate the color by 10%, you get **B07AEB**, and if you desaturate by 10%, it is **C8A9EB**.

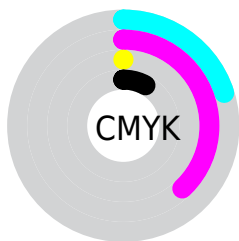
Distribution



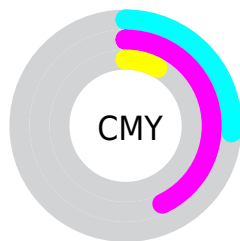
- Red (74%)
- Green (57%)
- Blue (92%)



- Red (74%)
- Yellow (57%)
- Blue (92%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (43%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC91EB 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 BC91EB by changing the saturation by 10% instead.

 BC91EB

 BC91EB

FFFFFF

 A077CF

 F5C7FF

 855EB3

 FFE4FF

 6B4598

 512E7D

 371764

 1D014C

 020035

 00021E

 000000

 BC91EB

 BC91EB

 B07AEB

 C8A9EB

 A362EB

 D5C0EB

 974BEB

 E1D7EB

 8B33EB

 EDEFEB

 7F1BEB

 F9FFEB

 7204EB

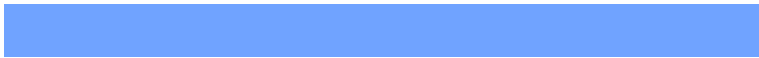
 FFFFEB

 7000EB

Harmonies

Analogous

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



70A3FF



BC91EB



E981C4

Triad

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



BC91EB



D8964B



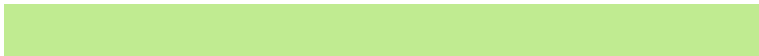
00BBB3

Complementary

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



BC91EB



C0EB91

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.



31B983



BC91EB



AFA644

Square

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



BC91EB



F3856A



7DB25A



00B9DF

Rectangle

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



BC91EB



F87CA5



7DB25A



00BBA3

Sweetspot

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



BC91EB



F0E3FF



91C1EB



776F80



000000



808080

Same Dimension

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



BC91EB



C28AFF



E891EB



6F6A75



5700B5



1A0036

Inverse Universe

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



EB91C0



FF8AC7



94EB91



756A70



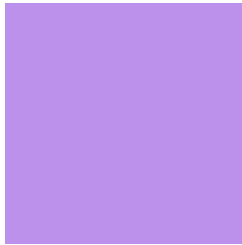
B5005F



36001C

Previews

White Background



This preview shows how the Hex color BC91EB looks on a white background.

Color Contrast Check

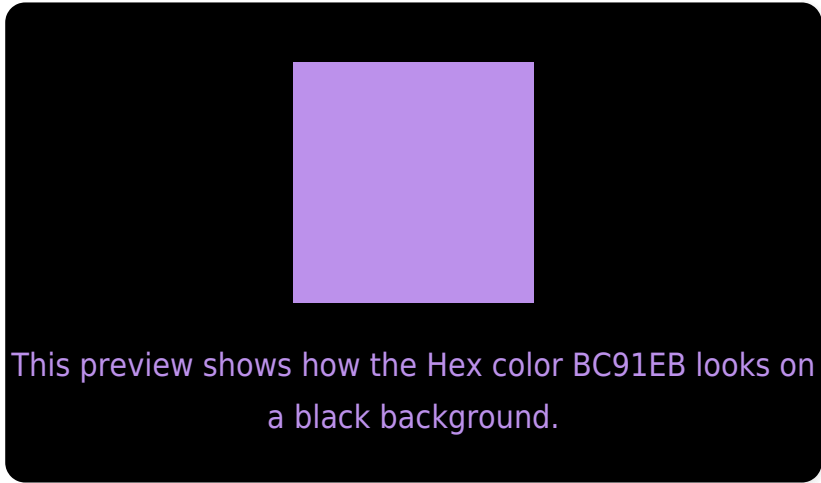
Large Text (above 18pt) WCAG AA × Fail

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

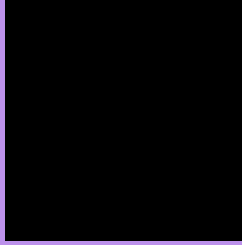
Any Text WCAG AA ✓ Pass

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 BC91EB Background



This preview shows how black text looks on a background with the Hex color BC91EB.

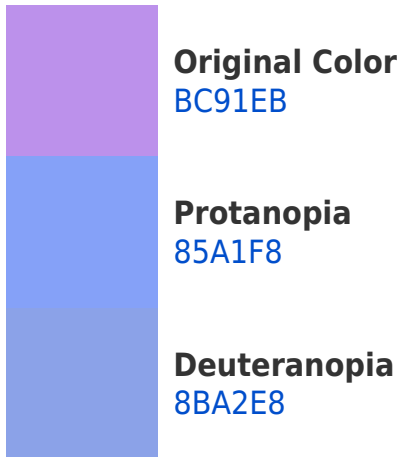


This preview shows how white text looks on a background with the Hex color BC91EB.

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



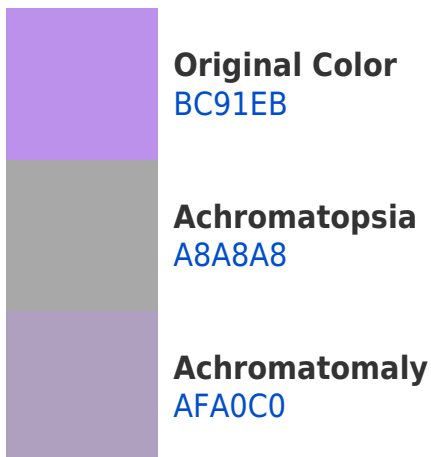


Tritanopia
B19EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC91EB 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 #BC91EB looks like.

```
.text, #text, p{  
    color:#BC91EB  
}
```

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 #BC91EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC91EB
}
```

Border

The CSS property to change the border of an element to Hex BC91EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

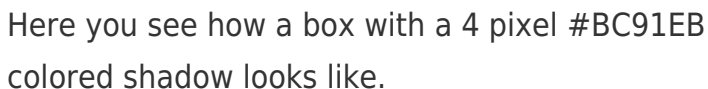
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC91EB }
```

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

```
.border{ border-color:#BC91EB }
```

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



Here you see how a box with a 4 pixel `#BC91EB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC91EB; -webkit-box-shadow:4px 4px  
4px 4px #BC91EB; box-shadow:4px 4px 4px  
4px #BC91EB }
```

Background

The CSS property to change the background color of an element to Hex BC91EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC91EB }
```

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

```
.background{ background-color:#BC91EB }
```

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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