

Converting Colors

Hex(B191EB)

Have a look what the booklet for
Hex(B191EB) contains.

Hex(B191EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B191EB)

Conversions

Conversions Part 1

Format	Color
Hex	B191EB
RGB	177, 145, 235
RGB Percent	69%, 57%, 92%
CMY	0.3059, 0.4314, 0.0784
CMYK	0.25, 0.38, 0.00, 0.08
HSL	261°, 69%, 75%
HSV	261°, 38%, 92%
XYZ	43.2523, 35.5961, 83.1883
YIQ	164.8280, -9.8180, 34.7740

Conversions

Conversions Part 2

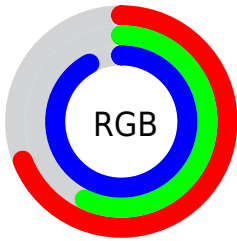
Format	Color
RYB	177, 145, 235
Decimal	11637227
CIELab	66.21, 30.23, -41.10
CIElCh	66, 51.018, 306.340
Yxy	35.5961, 0.2669, 0.2197
Android (android.graphics.Color)	4289827307 (0xFFB191EB)
YUV	164.8280, 34.5948, 10.6748
Hunter-Lab	59.6624, 24.9942, -40.9053

Details

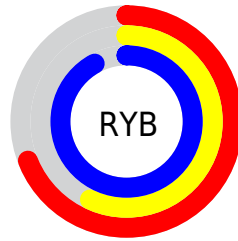
The Hex color **B191EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CBEB91**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EAC7FF**, and **7A5EB3** is the 20% darker color. If you saturate the color by 10%, you get **A27AEB**, and if you desaturate by 10%, it is **C0A9EB**.

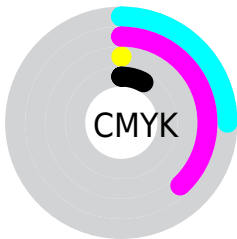
Distribution



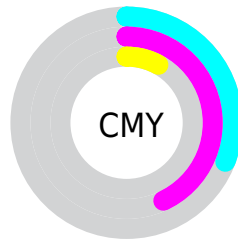
- Red (69%)
- Green (57%)
- Blue (92%)



- Red (69%)
- Yellow (57%)
- Blue (92%)



- Cyan (25%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (31%)
- Magenta (43%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B191EB 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 B191EB by changing the saturation by 10% instead.

 B191EB

 B191EB

FFFFFF

 9577CF

 EAC7FF

 7A5EB3

 FFE3FF

 604698

 462F7D

 2C1964

 0F034C

 000034

 00021E

 000000

 B191EB

 B191EB

 A27AEB

 C0A9EB

 9362EB

 CFC0EB

 844BEB

 DED7EB

 7433EB

 EEEFEB

 651BEB

 FDFFEb

 5604EB

 FFFFEB

 5400EB

Harmonies

Analogous

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



61A3FC



B191EB



E180C7

Triad

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



B191EB



D9914C



00B8AA

Complementary

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



B191EB



CBEB91

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.



3FB57A



B191EB



B2A242

Square

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



B191EB



F1816D



82AE54



00B6D6

Rectangle

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



B191EB



F27AA8



82AE54



00B89A

Sweetspot

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



B191EB



EDE3FF



91CBEB



756F80



000000



808080

Same Dimension

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



B191EB



B38AFF



DD91EB



6E6A75



4000B5



130036

Inverse Universe

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



EB91CB



FF8AD5



9EEB91



756A71



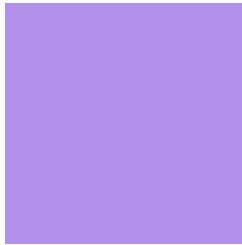
B50075



360023

Previews

White Background



This preview shows how the Hex color B191EB looks on a white background.

Color Contrast Check

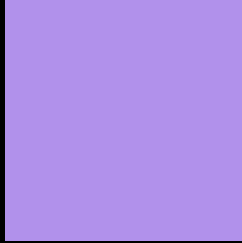
Large Text (above 18pt) WCAG AA × Fail

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 B191EB 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 B191EB Background



This preview shows how black text looks on a background with the Hex color B191EB.

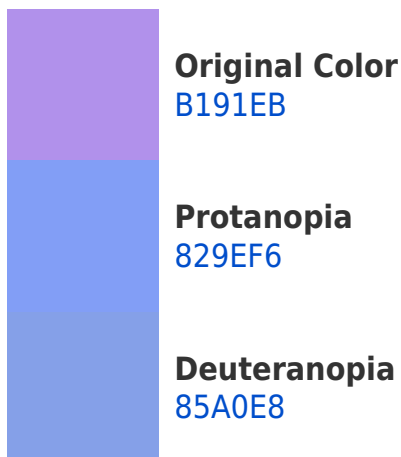


This preview shows how white text looks on a background with the Hex color B191EB.

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](#).

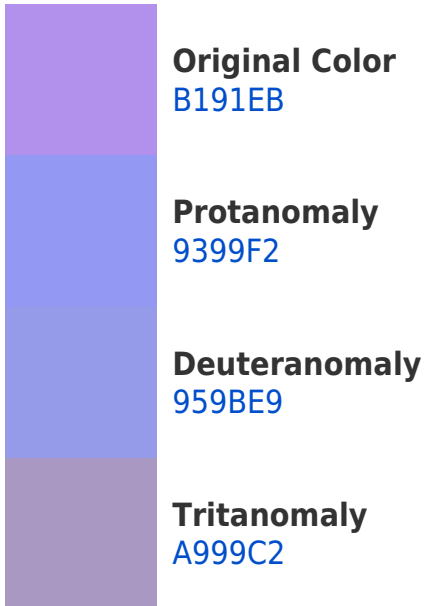
Dichromacy



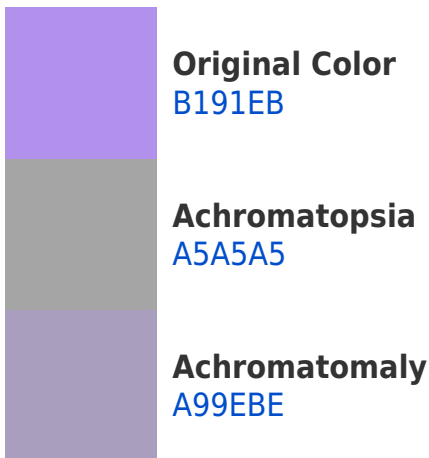


Tritanopia
A59EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B191EB 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 #B191EB looks like.

```
.text, #text, p{  
    color:#B191EB  
}
```

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 #B191EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B191EB
}
```

Border

The CSS property to change the border of an element to Hex B191EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

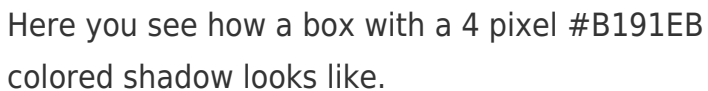
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B191EB }
```

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

```
.border{ border-color:#B191EB }
```

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



Here you see how a box with a 4 pixel #B191EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B191EB; -webkit-box-shadow:4px 4px  
4px 4px #B191EB; box-shadow:4px 4px 4px  
4px #B191EB }
```

Background

The CSS property to change the background color of an element to Hex B191EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B191EB }
```

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

```
.background{ background-color:#B191EB }
```

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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