

Converting Colors

Hex(B891E3)

Have a look what the booklet for
Hex(B891E3) contains.

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Color

Hex(B891E3)

Conversions

Conversions Part 1

Format	Color
Hex	B891E3
RGB	184, 145, 227
RGB Percent	72%, 57%, 89%
CMY	0.2784, 0.4314, 0.1098
CMYK	0.19, 0.36, 0.00, 0.11
HSL	269°, 59%, 73%
HSV	269°, 36%, 89%
XYZ	43.7577, 35.9872, 77.3130
YIQ	166.0090, -3.0780, 33.7700

Conversions

Conversions Part 2

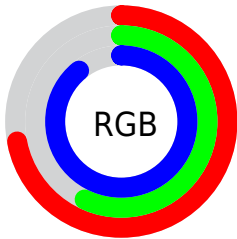
Format	Color
R_{YB}	184, 145, 227
Decimal	12095971
CIE _{Lab}	66.51, 30.43, -36.17
CIE _{LCh}	67, 47.267, 310.076
Yxy	35.9872, 0.2786, 0.2291
Android (android.graphics.Color)	4290286051 (0xFFB891E3)
YUV	166.0090, 30.0686, 15.7781
Hunter-Lab	59.9893, 25.2210, -34.4192

Details

The Hex color **B891E3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BCE391**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F1C7FF**, and **825EAB** is the 20% darker color. If you saturate the color by 10%, you get **AC7AE3**, and if you desaturate by 10%, it is **C4A8E3**.

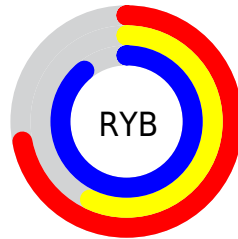
Distribution



Red (72%)

Green (57%)

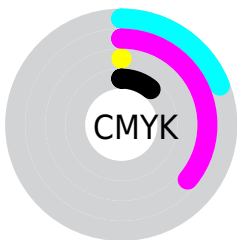
Blue (89%)



Red (72%)

Yellow (57%)

Blue (89%)

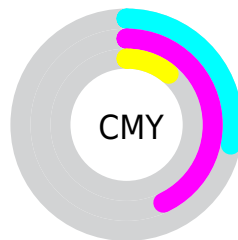


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B891E3 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 B891E3 by changing the saturation by 10% instead.

 B891E3

 B891E3

FFFFFF

 9C77C7

 F1C7FF

 825EAB

 FFE3FF

 674690

 4E2E76


 35185D

 1C0245

 00002F

 000119

 000000

 B891E3

 B891E3

 AC7AE3

 C4A8E3

 A064E3

 D0BEE3

 944DE3

 DCD5E3

 8836E3

 E8ECE3

 7C20E3

 F4FFE3

 7109E3

 FFFFE3

 6C00E3

Harmonies

Analogous

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



75A1F5



B891E3



E183C0

Triad

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



B891E3



D39551



00B8AF

Complementary

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



B891E3



BCE391

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.



41B583



B891E3



ADA44B

Square

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



B891E3



EB866D



7FAF5E



00B5D7

Rectangle

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



B891E3



EF7EA3



7FAF5E



00B7A0

Sweetspot

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



B891E3



F0E3FF



91BDE3



776F80



000000



808080

Same Dimension

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



B891E3



C691FF



E091E3



6D6773



5500B3



180033

Inverse Universe

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



E391BC



FF91CB



94E391



73676D



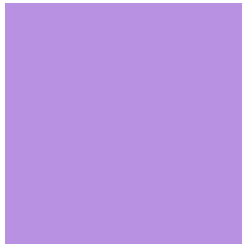
B3005E



33001B

Previews

White Background



This preview shows how the Hex color B891E3 looks on a white background.

Color Contrast Check

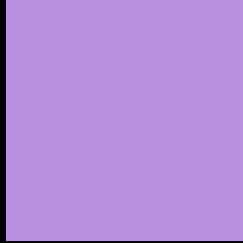
Large Text (above 18pt) WCAG AA × Fail

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 B891E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

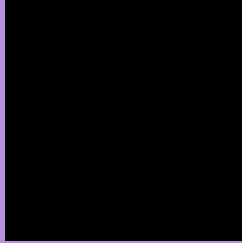
Any Text WCAG AA ✓ Pass

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 B891E3 Background



This preview shows how black text looks on a background with the Hex color B891E3.

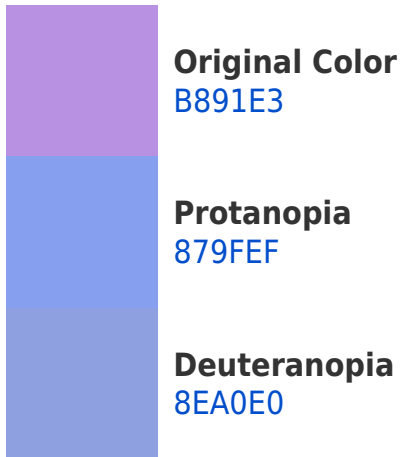


This preview shows how white text looks on a background with the Hex color B891E3.

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](#).

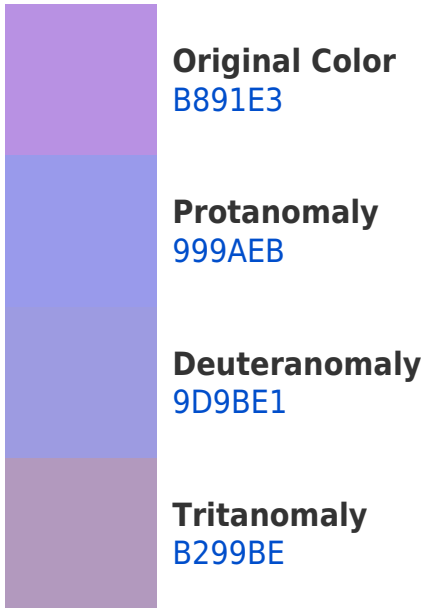
Dichromacy



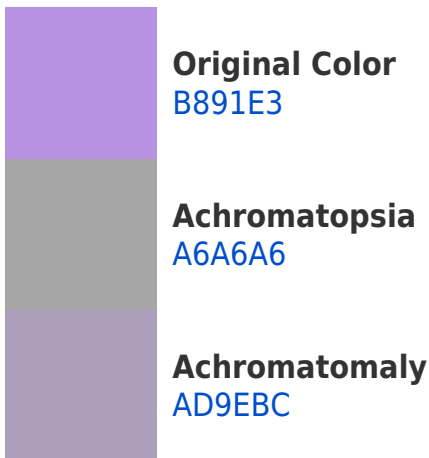


Tritanopia
AE9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B891E3 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 #B891E3 looks like.

```
.text, #text, p{  
    color:#B891E3  
}
```

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 #B891E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B891E3
}
```

Border

The CSS property to change the border of an element to Hex B891E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

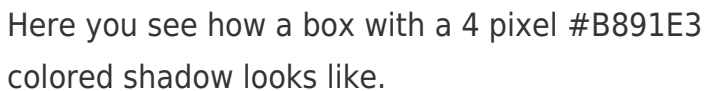
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B891E3 }
```

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

```
.border{ border-color:#B891E3 }
```

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



Here you see how a box with a 4 pixel #B891E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B891E3; -webkit-box-shadow:4px 4px  
4px 4px #B891E3; box-shadow:4px 4px 4px  
4px #B891E3 }
```

Background

The CSS property to change the background color of an element to Hex B891E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B891E3 }
```

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

```
.background{ background-color:#B891E3 }
```

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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