

Converting Colors

Hex(B189E7)

Have a look what the booklet for
Hex(B189E7) contains.

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Color

Hex(B189E7)

Conversions

Conversions Part 1

Format	Color
Hex	B189E7
RGB	177, 137, 231
RGB Percent	69%, 54%, 91%
CMY	0.3059, 0.4627, 0.0941
CMYK	0.23, 0.41, 0.00, 0.09
HSL	266°, 66%, 72%
HSV	266°, 41%, 91%
XYZ	41.5009, 33.0080, 79.7851
YIQ	159.6760, -6.3340, 37.7140

Conversions

Conversions Part 2

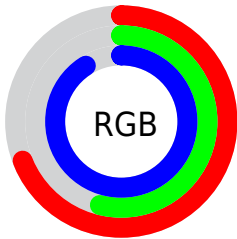
Format	Color
RYB	177, 137, 231
Decimal	11635175
CIELab	64.17, 33.77, -42.09
CIELCh	64, 53.965, 308.745
Yxy	33.0080, 0.2690, 0.2139
Android (android.graphics.Color)	4289825255 (0xFFB189E7)
YUV	159.6760, 35.1627, 15.1931
Hunter-Lab	57.4525, 28.3978, -42.1200

Details

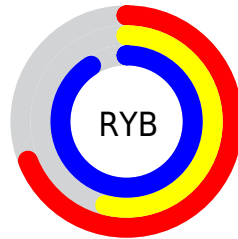
The Hex color **B189E7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BFE789**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EABFFF**, and **7A56AF** is the 20% darker color. If you saturate the color by 10%, you get **A472E7**, and if you desaturate by 10%, it is **BEA0E7**.

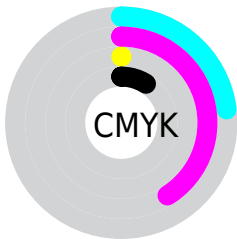
Distribution



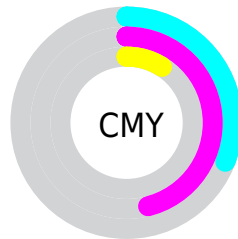
- Red (69%)
- Green (54%)
- Blue (91%)



- Red (69%)
- Yellow (54%)
- Blue (91%)



- Cyan (23%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)




- Cyan (31%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B189E7 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 B189E7 by changing the saturation by 10% instead.

 B189E7

 B189E7

FFFFFF

 956FCB

 EABFFF

 7A56AF


 FFDBFF

 603E94

 FFF8FF

 46277A

 2C1060

 110048

 000031

 00011B

 000000

 B189E7

 B189E7

 A472E7

 BEA0E7

 965BE7

 CCB7E7

 8944E7

 D9CEE7

 7C2DE7

 E6E5E7

 6F16E7

 F3FDE7

 6200E7

 FFFFE7

Harmonies

Analogous

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



5C9CFB



B189E7



E177BF

Triad

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



B189E7



D28D40



00B3A9

Complementary

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



B189E7



BFE789

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.



1FB177



B189E7



A99E36

Square

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



B189E7



ED7B62



75AA4D



00B1D7

Rectangle

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



B189E7



F171A0



75AA4D



00B398

Sweetspot

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



B189E7



EDE0FF



89C0E7



756E80



000000



808080

Same Dimension

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



B189E7



B782FF



DF89E7



6C6773



4C00B3



160033

Inverse Universe

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



E789BF



FF82CA



91E789



73676E



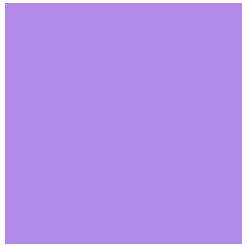
B30067



33001D

Previews

White Background



This preview shows how the Hex color B189E7 looks on a white background.

Color Contrast Check

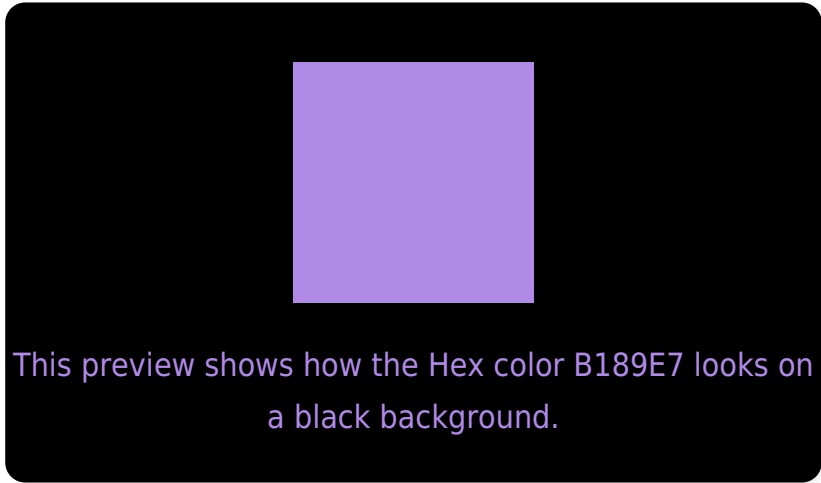
Large Text (above 18pt) WCAG AA × Fail

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

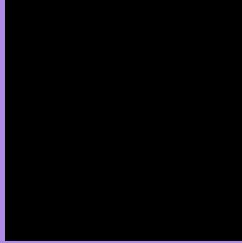
Any Text WCAG AA ✓ Pass

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 B189E7 Background



This preview shows how black text looks on a background with the Hex color B189E7.

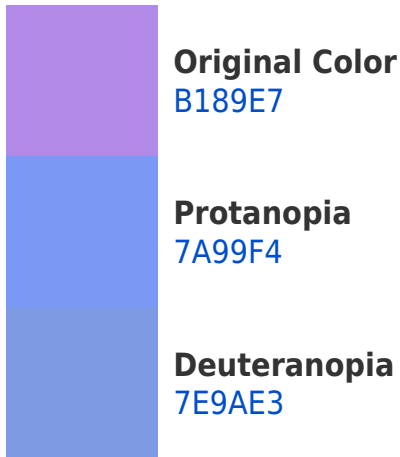


This preview shows how white text looks on a background with the Hex color B189E7.

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](#).

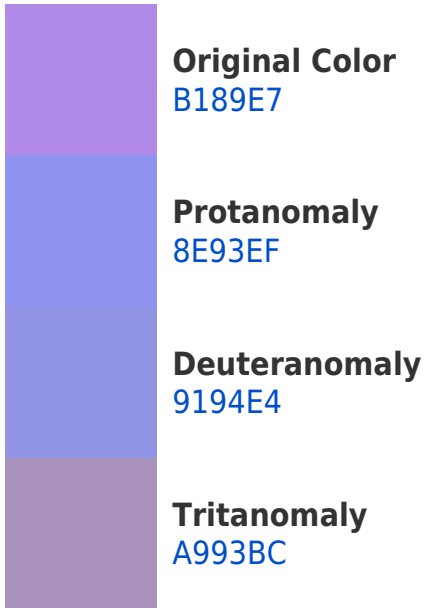
Dichromacy



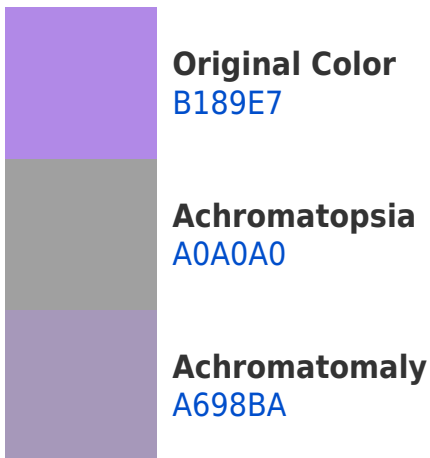


Tritanopia
A598A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B189E7 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 #B189E7 looks like.

```
.text, #text, p{  
    color:#B189E7  
}
```

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 #B189E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B189E7
}
```

Border

The CSS property to change the border of an element to Hex B189E7 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
#B189E7 }
```

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

```
.border{ border-color:#B189E7 }
```

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

Here you see how a box with a 4 pixel #B189E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B189E7; -webkit-box-shadow:4px 4px  
4px 4px #B189E7; box-shadow:4px 4px 4px  
4px #B189E7 }
```

Background

The CSS property to change the background color of an element to Hex B189E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B189E7 }
```

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

```
.background{ background-color:#B189E7 }
```

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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