

Converting Colors

Hex(B188EA)

Have a look what the booklet for
Hex(B188EA) contains.

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Color

Hex(B188EA)

Conversions

Conversions Part 1

Format	Color
Hex	B188EA
RGB	177, 136, 234
RGB Percent	69%, 53%, 92%
CMY	0.3059, 0.4667, 0.0824
CMYK	0.24, 0.42, 0.00, 0.08
HSL	265°, 70%, 73%
HSV	265°, 42%, 92%
XYZ	41.7869, 32.8959, 81.9890
YIQ	159.4310, -7.0220, 39.1700

Conversions

Conversions Part 2

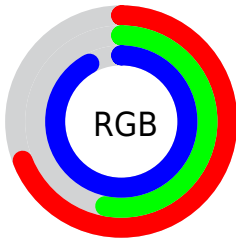
Format	Color
R_{YB}	177, 136, 234
Decimal	11634922
CIE _{Lab}	64.08, 35.04, -43.89
CIE _{LCh}	64, 56.160, 308.598
Yxy	32.8959, 0.2667, 0.2100
Android (android.graphics.Color)	4289825002 (0xFFB188EA)
YUV	159.4310, 36.7625, 15.4080
Hunter-Lab	57.3550, 29.6778, -44.6067

Details

The Hex color **B188EA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1EA88**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EABEFF**, and **7A55B2** is the 20% darker color. If you saturate the color by 10%, you get **A371EA**, and if you desaturate by 10%, it is **BF9FEA**.

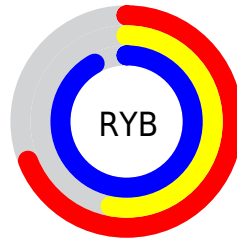
Distribution



Red (69%)

Green (53%)

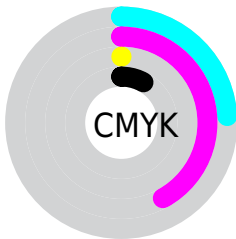
Blue (92%)



Red (69%)

Yellow (53%)

Blue (92%)

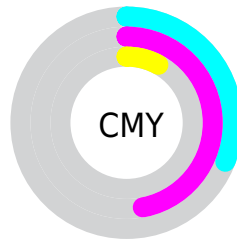


Cyan (24%)

Magenta (42%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (47%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B188EA 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 B188EA by changing the saturation by 10% instead.

 B188EA

 B188EA

FFFFFF

 956ECE

 EABEFF

 7A55B2

 FFDAFF

 5F3D97

 FFF7FF

 45267C

 2B0F63

 0E004B

 000033

 00021D

 000000

 B188EA

 B188EA

 A371EA

 BF9FEA

 9659EA

 CCB7EA

 8842EA

 DACEEA

 7B2AEA

 E7E6EA

 6D13EA

 F5FDEA

 6200EA

 FFFFEA

Harmonies

Analogous

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



559CFE



B188EA



E375C1

Triad

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



B188EA



D48C3B



00B4A9

Complementary

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



B188EA



C1EA88

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.



0AB175



B188EA



A99D30

Square

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



B188EA



F0785F



73AA48



00B2D9

Rectangle

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



B188EA



F46EA0



73AA48



00B497

Sweetspot

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



B188EA



ECDEFF



88C1EA



746B80



000000



808080

Same Dimension

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



B188EA



B580FF



E288EA



6E6A75



4C00B5



160036

Inverse Universe

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



EA88C1



FF80CA



90EA88



756A70



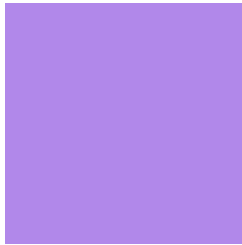
B50069



36001F

Previews

White Background



This preview shows how the Hex color B188EA looks on a white background.

Color Contrast Check

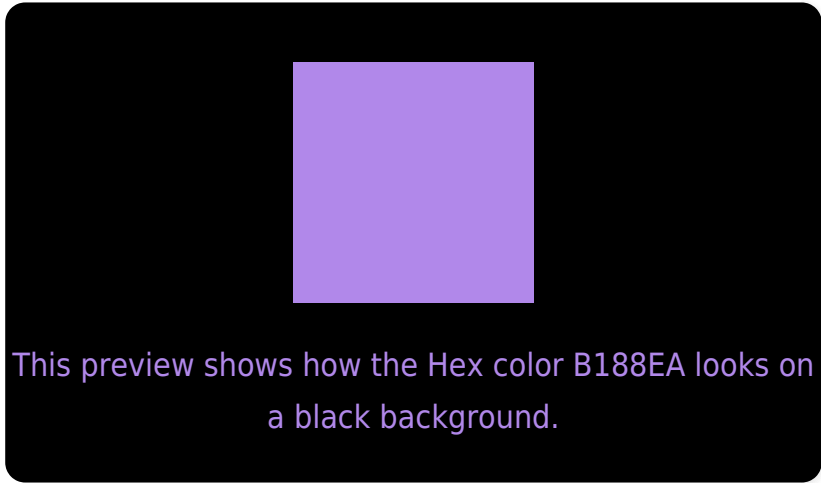
Large Text (above 18pt) WCAG AA × Fail

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 B188EA Background



This preview shows how black text looks on a background with the Hex color B188EA.



This preview shows how white text looks on a background with the Hex color B188EA.

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](#).

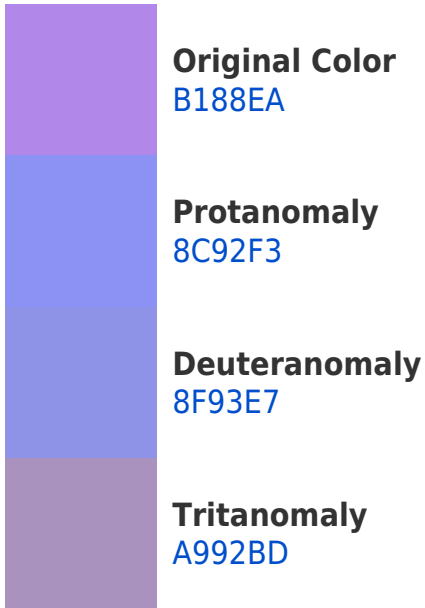
Dichromacy



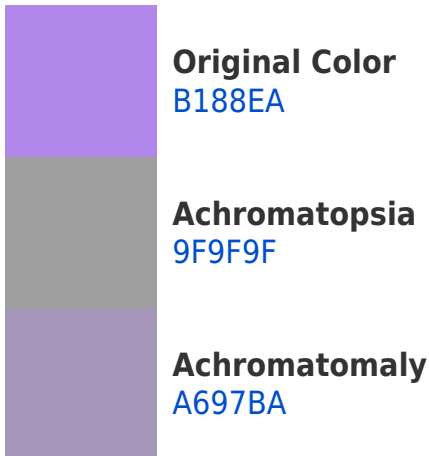


Tritanopia
A497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B188EA 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 #B188EA looks like.

```
.text, #text, p{  
    color:#B188EA  
}
```

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 #B188EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B188EA
}
```

Border

The CSS property to change the border of an element to Hex B188EA 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
#B188EA }
```

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

```
.border{ border-color:#B188EA }
```

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

Here you see how a box with a 4 pixel #B188EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B188EA; -webkit-box-shadow:4px 4px  
4px 4px #B188EA; box-shadow:4px 4px 4px  
4px #B188EA }
```

Background

The CSS property to change the background color of an element to Hex B188EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B188EA }
```

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

```
.background{ background-color:#B188EA }
```

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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