

Converting Colors

Hex(B88EE4)

Have a look what the booklet for
Hex(B88EE4) contains.

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Color

Hex(B88EE4)

Conversions

Conversions Part 1

Format	Color
Hex	B88EE4
RGB	184, 142, 228
RGB Percent	72%, 56%, 89%
CMY	0.2784, 0.4431, 0.1059
CMYK	0.19, 0.38, 0.00, 0.11
HSL	269°, 61%, 73%
HSV	269°, 38%, 89%
XYZ	43.4438, 35.1378, 77.8913
YIQ	164.3620, -2.5740, 35.6500

Conversions

Conversions Part 2

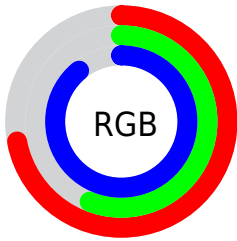
Format	Color
RYB	184, 142, 228
Decimal	12095204
CIELab	65.86, 32.33, -37.74
CIElCh	66, 49.692, 310.581
Yxy	35.1378, 0.2776, 0.2246
Android (android.graphics.Color)	4290285284 (0xFFB88EE4)
YUV	164.3620, 31.3735, 17.2225
Hunter-Lab	59.2771, 27.0863, -36.4142

Details

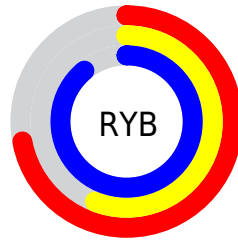
The Hex color **B88EE4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BAE48E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F1C4FF**, and **815BAC** is the 20% darker color. If you saturate the color by 10%, you get **AC77E4**, and if you desaturate by 10%, it is **C4A5E4**.

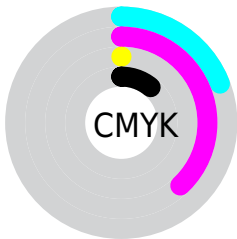
Distribution



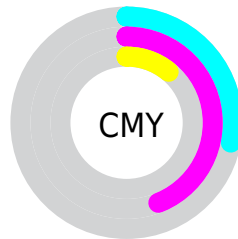
- Red (72%)
- Green (56%)
- Blue (89%)



- Red (72%)
- Yellow (56%)
- Blue (89%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B88EE4 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 B88EE4 by changing the saturation by 10% instead.


 B88EE4

 B88EE4

FFFFFF

 9C74C8

 F1C4FF

 815BAC

 FFE0FF

 674391

 FFFDFD

 4D2C77

 34155E

 1B0046

 00002F

 000119

 000000

 B88EE4

 B88EE4

 AC77E4

 C4A5E4

 A160E4

 CFBCE4

 954AE4

 DBD2E4

 8933E4

 E7E9E4

 7E1CE4

 F2FFE4

 7205E4

 FEFEE4

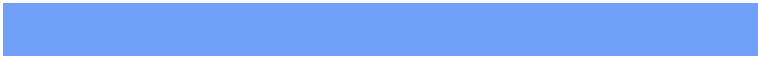
 6F00E4

 FFFFE4

Harmonies

Analogous

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



709FF8



B88EE4



E37FBF

Triad

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



B88EE4



D2934B



00B7AF

Complementary

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



B88EE4



BAE48E

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.



34B481



B88EE4



ABA344

Square

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



B88EE4



EC8368



7AAE5A



00B4D9

Rectangle

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



B88EE4



F17AA1



7AAE5A



00B69F

Sweetspot

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



B88EE4



F1E3FF



8EBAE4



776F80



000000



808080

Same Dimension

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



B88EE4



C48CFF



E38EE4



6D6773



5700B3



190033

Inverse Universe

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



E48EBA



FF8CC7



8FE48E



73676D



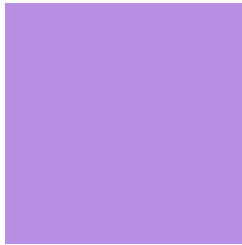
B3005B



33001A

Previews

White Background



This preview shows how the Hex color B88EE4 looks on a white background.

Color Contrast Check

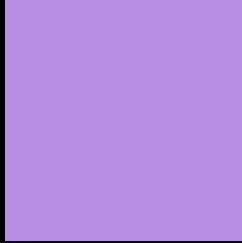
Large Text (above 18pt) WCAG AA × Fail

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 B88EE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

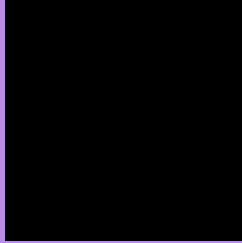
Any Text WCAG AA ✓ Pass

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 B88EE4 Background



This preview shows how black text looks on a background with the Hex color B88EE4.

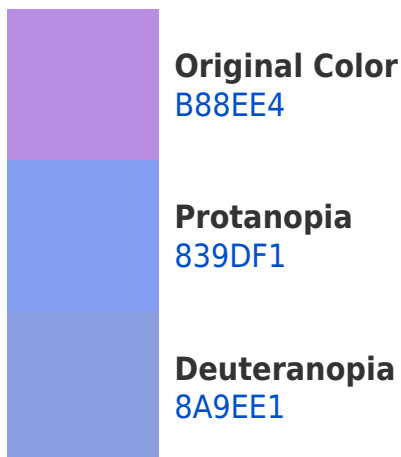


This preview shows how white text looks on a background with the Hex color B88EE4.

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



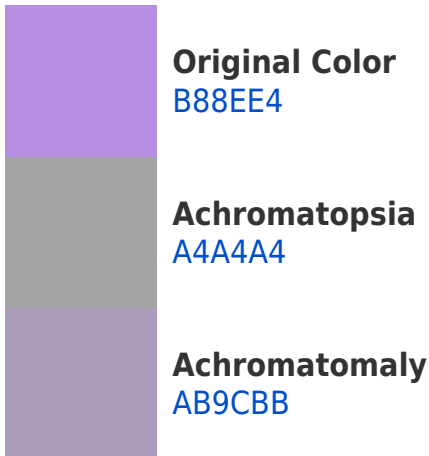


Tritanopia
AE9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B88EE4 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 #B88EE4 looks like.

```
.text, #text, p{  
    color:#B88EE4  
}
```

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 #B88EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B88EE4
}
```

Border

The CSS property to change the border of an element to Hex B88EE4 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
#B88EE4 }
```

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

```
.border{ border-color:#B88EE4 }
```

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

Here you see how a box with a 4 pixel #B88EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B88EE4; -webkit-box-shadow:4px 4px  
4px 4px #B88EE4; box-shadow:4px 4px 4px  
4px #B88EE4 }
```

Background

The CSS property to change the background color of an element to Hex B88EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B88EE4 }
```

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

```
.background{ background-color:#B88EE4 }
```

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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