

Converting Colors

Hex(BB90EF)

Have a look what the booklet for
Hex(BB90EF) contains.

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Color

Hex(BB90EF)

Conversions

Conversions Part 1

Format	Color
Hex	BB90EF
RGB	187, 144, 239
RGB Percent	73%, 56%, 94%
CMY	0.2667, 0.4353, 0.0627
CMYK	0.22, 0.40, 0.00, 0.06
HSL	267°, 75%, 75%
HSV	267°, 40%, 94%
XYZ	46.0468, 36.7433, 86.3266
YIQ	167.6870, -4.8670, 38.6610

Conversions

Conversions Part 2

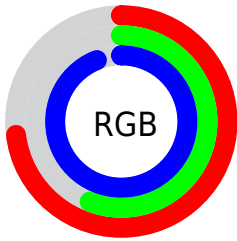
Format	Color
RYB	187, 144, 239
Decimal	12292335
CIELab	67.08, 34.58, -41.86
CIElCh	67, 54.293, 309.556
Yxy	36.7433, 0.2723, 0.2173
Android (android.graphics.Color)	4290482415 (0xFFBB90EF)
YUV	167.6870, 35.1573, 16.9375
Hunter-Lab	60.6163, 29.5180, -42.0064

Details

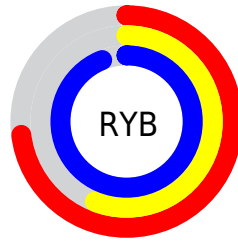
The Hex color **BB90EF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C4EF90**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F5C6FF**, and **845DB7** is the 20% darker color. If you saturate the color by 10%, you get **AE78EF**, and if you desaturate by 10%, it is **C8A8EF**.

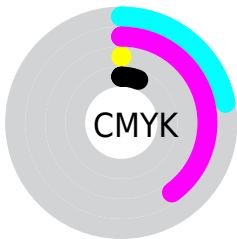
Distribution



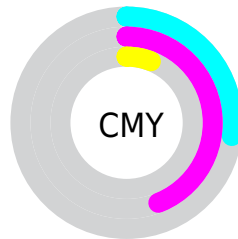
- Red (73%)
- Green (56%)
- Blue (94%)



- Red (73%)
- Yellow (56%)
- Blue (94%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (44%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB90EF 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 BB90EF by changing the saturation by 10% instead.

 BB90EF

 BB90EF

FFFFFF

 9F76D2

 F5C6FF

 845DB7

 FFE3FF

 69449B

 4F2D81

 351667

 1A004F

 000037

 000221

 000006

 BB90EF

 BB90EF

 AE78EF

 C8A8EF

 A160EF

 D5C0EF

 9448EF

 E2D8EF

 8730EF

 EFF0EF

 7A19EF

 FCFFEF

 6D01EF

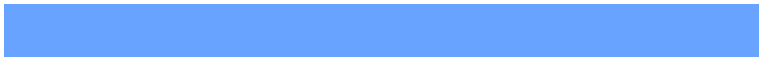
 FFFFEF

 6C00EF

Harmonies

Analogous

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



68A3FF



BB90EF



EB7EC7

Triad

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



BB90EF



DA9546



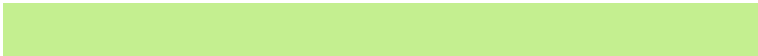
00BCB2

Complementary

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



BB90EF



C4EF90

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.



26B97F



BB90EF



B0A63D

Square

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



BB90EF



F68267



7BB254



00B9E0

Rectangle

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



BB90EF



FB78A6



7BB254



00BBA1

Sweetspot

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



BB90EF



EEE0FF



90C4EF



766E80



000000



808080

Same Dimension

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



BB90EF



BC85FF



EA90EF



716C78



5300B8



190038

Inverse Universe

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



EF90C4



FF85C8



95EF90



786C72



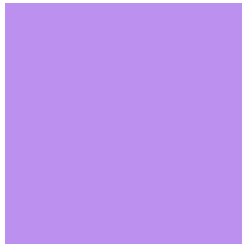
B80064



38001F

Previews

White Background



This preview shows how the Hex color BB90EF looks on a white background.

Color Contrast Check

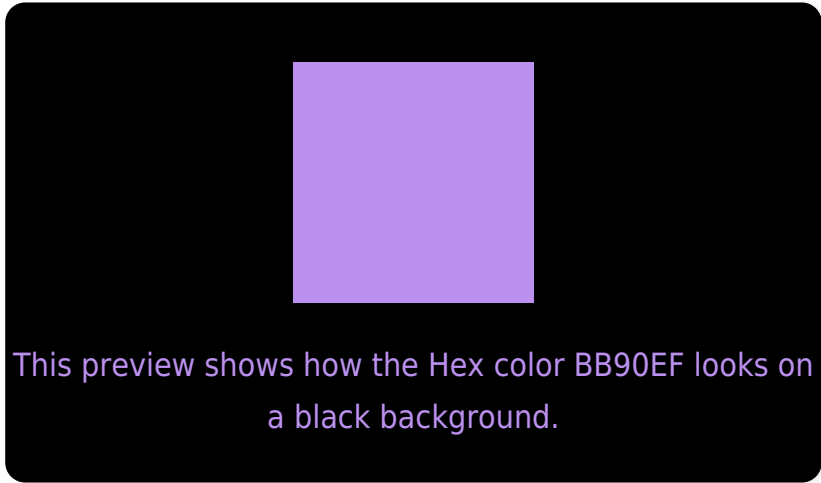
Large Text (above 18pt) WCAG AA × Fail

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

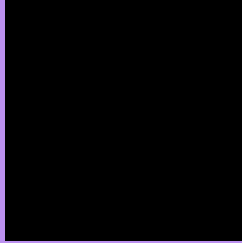
Any Text WCAG AA ✓ Pass

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 BB90EF Background



This preview shows how black text looks on a background with the Hex color BB90EF.



This preview shows how white text looks on a background with the Hex color BB90EF.

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](#).

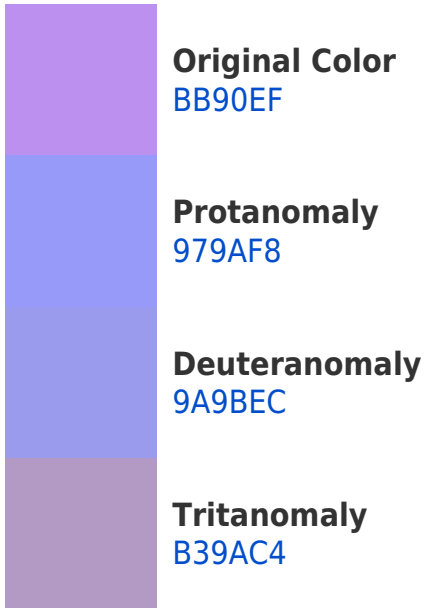
Dichromacy



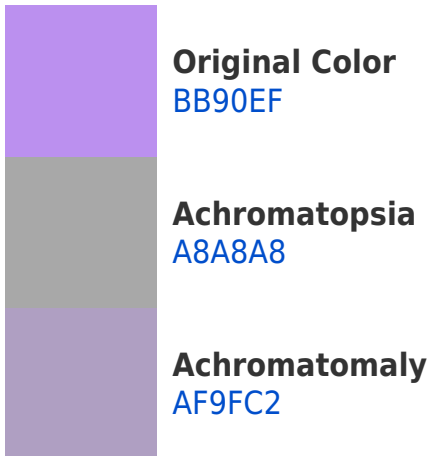


Tritanopia
AF9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB90EF 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 #BB90EF looks like.

```
.text, #text, p{  
    color:#BB90EF  
}
```

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 #BB90EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB90EF
}
```

Border

The CSS property to change the border of an element to Hex BB90EF 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
#BB90EF }
```

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

```
.border{ border-color:#BB90EF }
```

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

Here you see how a box with a 4 pixel #BB90EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB90EF; -webkit-box-shadow:4px 4px  
4px 4px #BB90EF; box-shadow:4px 4px 4px  
4px #BB90EF }
```

Background

The CSS property to change the background color of an element to Hex BB90EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB90EF }
```

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

```
.background{ background-color:#BB90EF }
```

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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