

Converting Colors

Hex(B90EEA)

Have a look what the booklet for
Hex(B90EEA) contains.

Hex(B90EEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B90EEA)

Conversions

Conversions Part 1

Format	Color
Hex	B90EEA
RGB	185, 14, 234
RGB Percent	73%, 5%, 92%
CMY	0.2745, 0.9451, 0.0824
CMYK	0.21, 0.94, 0.00, 0.08
HSL	287°, 89%, 49%
HSV	287°, 94%, 92%
XYZ	35.0159, 16.5689, 79.1945
YIQ	90.2090, 31.2960, 104.6720

Conversions

Conversions Part 2

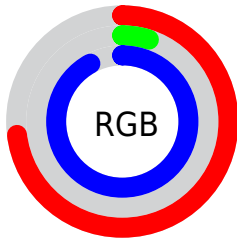
Format	Color
RYB	185, 14, 234
Decimal	12127978
CIELab	47.71, 83.82, -70.01
CIELCh	48, 109.211, 320.127
Yxy	16.5689, 0.2677, 0.1267
Android (android.graphics.Color)	4290318058 (0xFFB90EEA)
YUV	90.2090, 70.8890, 83.1317
Hunter-Lab	40.7049, 82.3190, -86.8598

Details

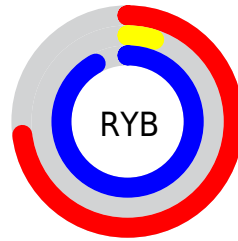
The Hex color **B90EEA** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **3FEA0E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F65EFF**, and **7D00B1** is the 20% darker color. If you saturate the color by 10%, you get **B600EA**, and if you desaturate by 10%, it is **BE25EA**.

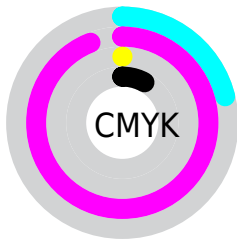
Distribution



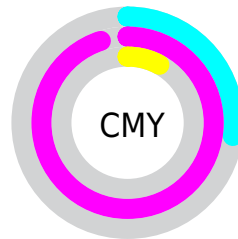
- Red (73%)
- Green (5%)
- Blue (92%)



- Red (73%)
- Yellow (5%)
- Blue (92%)



- Cyan (21%)
- Magenta (94%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (95%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B90EEA 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 B90EEA by changing the saturation by 10% instead.

 B90EEA

 B90EEA

FFFFFF

 9B00CD

 F65EFA

 7D00B1

 FF7DFF

 600096

 FF9BFF

 41007B

 FFB8FF

 220061

 FFD6FF

 000048

 FFF4FF

 000430

 00011A

 000000

 B90EEA

 B90EEA

 B600EA

 BE25EA

 C33DEA

 C954EA

 CE6CEA

 D383EA

 D89AEA

 DDB2EA

 E3C9EA

 E8E1EA

Harmonies

Analogous

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



0069FF



B90EEA



FC0094

Triad

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



B90EEA



A36300



0093AF

Complementary

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



B90EEA



3FEA0E

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.



00904E



B90EEA



4D7F00

Square

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



B90EEA



E11800



008B00



0092FF

Rectangle

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



B90EEA



FF0058



008B00



009290

Sweetspot

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



B90EEA



EFB8FF



0E41EA



765480



000000



808080

Same Dimension

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



B90EEA



C600FF



EA0EAF



736A75



8D00B5



2A0036

Inverse Universe

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



EA0E3F



FF0039



0EEA49



756A6C



B50028



36000C

Previews

White Background



This preview shows how the Hex color B90EEA looks on a white background.

Color Contrast Check

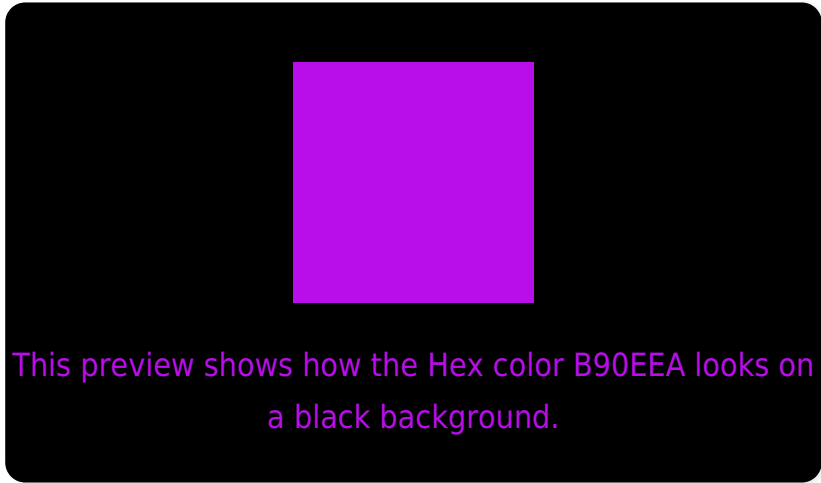
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

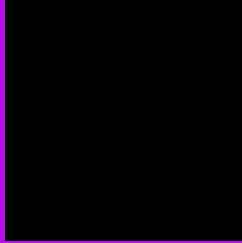
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B90EEA Background



This preview shows how black text looks on a background with the Hex color B90EEA.

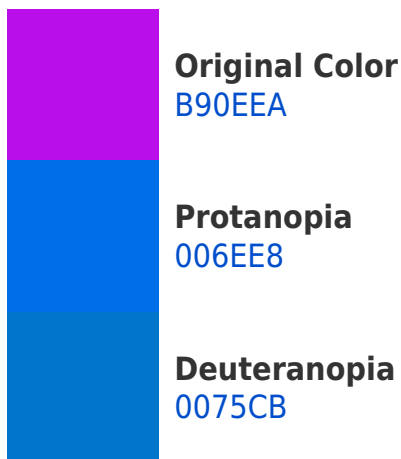



This preview shows how white text looks on a background with the Hex color B90EEA.

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
A55C63

Trichromacy



Original Color
B90EEA



Protanomaly
434BE9



Deuteranomaly
4350D6



Tritanomaly
AC4094

Monochromacy



Original Color
B90EEA



Achromatopsia
5A5A5A



Achromatomaly
7D3E8E

CSS Examples

Text

The CSS property to change the color of the text to Hex B90EEA 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 #B90EEA looks like.

```
.text, #text, p{  
    color:#B90EEA  
}
```

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 #B90EEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B90EEA
}
```

Border

The CSS property to change the border of an element to Hex B90EEA is called "border". The border property can be set on classes, ids or directly on the HTML element.

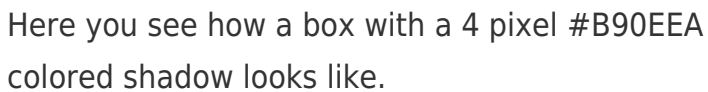
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B90EEA }
```

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

```
.border{ border-color:#B90EEA }
```

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



Here you see how a box with a 4 pixel #B90EEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B90EEA; -webkit-box-shadow:4px 4px  
4px 4px #B90EEA; box-shadow:4px 4px 4px  
4px #B90EEA }
```

Background

The CSS property to change the background color of an element to Hex B90EEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B90EEA }
```

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

```
.background{ background-color:#B90EEA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor