

Converting Colors

Hex(BD08EA)

Have a look what the booklet for
Hex(BD08EA) contains.

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Color

Hex(BD08EA)

Conversions

Conversions Part 1

Format	Color
Hex	BD08EA
RGB	189, 8, 234
RGB Percent	74%, 3%, 92%
CMY	0.2588, 0.9686, 0.0824
CMYK	0.19, 0.97, 0.00, 0.08
HSL	288°, 93%, 47%
HSV	288°, 97%, 92%
XYZ	35.9244, 16.9330, 79.2169
YIQ	87.8830, 35.3300, 108.6580

Conversions

Conversions Part 2

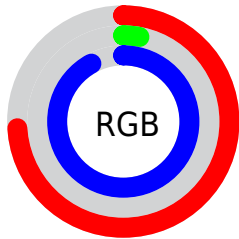
Format	Color
RYB	189, 8, 234
Decimal	12388586
CIELab	48.18, 84.89, -69.23
CIELCh	48, 109.543, 320.801
Yxy	16.9330, 0.2720, 0.1282
Android (android.graphics.Color)	4290578666 (0xFFBD08EA)
YUV	87.8830, 72.0357, 88.6796
Hunter-Lab	41.1497, 83.8214, -85.3337

Details

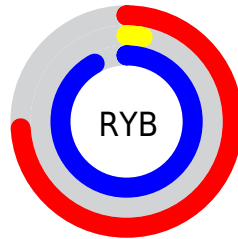
The Hex color **BD08EA** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **35EA08**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FA5EFF**, and **8100B1** is the 20% darker color. If you saturate the color by 10%, you get **BB00EA**, and if you desaturate by 10%, it is **C21FEA**.

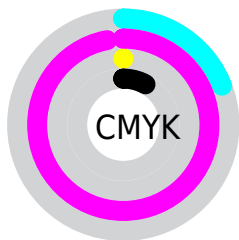
Distribution



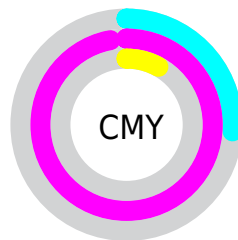
- Red (74%)
- Green (3%)
- Blue (92%)



- Red (74%)
- Yellow (3%)
- Blue (92%)



- Cyan (19%)
- Magenta (97%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (97%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD08EA 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 BD08EA by changing the saturation by 10% instead.

 BD08EA

 BD08EA

FFFFFF

 9F00CD

 FA5EFF

 8100B1

 FF7CFF

 640096

 FF9AFF

 45007B

 FFB8FF

 280061

 FFD6FF

 000048

 FFF4FF

 000430

 00011A

 000000

 BD08EA

 BD08EA

 BB00EA

 C21FEA

 C637EA

 CB4EEA

 D066EA

 D47DEA

 D994EA

 DEACEA

 E2C3EA

 E7DBEA

Harmonies

Analogous

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



0069FF



BD08EA



FF0093

Triad

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



BD08EA



A36500



0094B3

Complementary

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



BD08EA



35EA08

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.



009252



BD08EA



4B8100

Square

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



BD08EA



E21E00



008D00



0094FF

Rectangle

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



BD08EA



FF0057



008D00



009493

Sweetspot

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



BD08EA



F0B5FF



0835EA



775380



000000



808080

Same Dimension

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



BD08EA



CC00FF



EA08A6



736A75



9100B5



2B0036

Inverse Universe

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



EA0835



FF0033



08EA4C



756A6C



B50024



36000B

Previews

White Background



This preview shows how the Hex color BD08EA looks on a white background.

Color Contrast Check

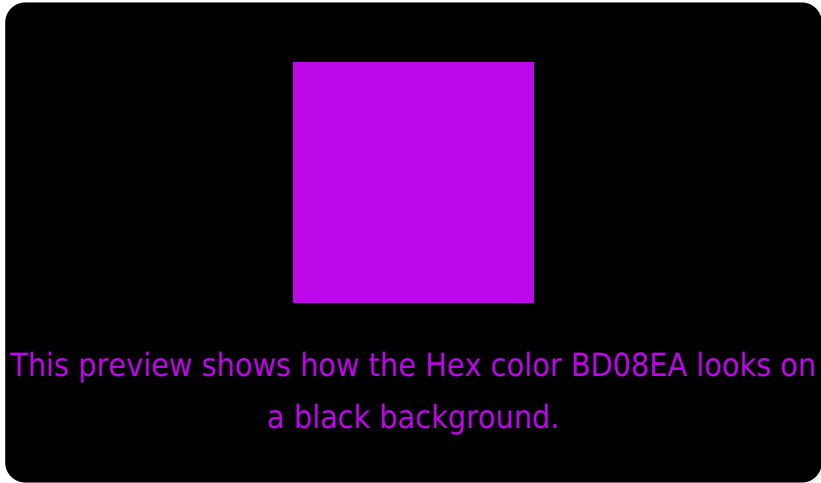
Large Text (above 18pt) WCAG AA ✓ Pass

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

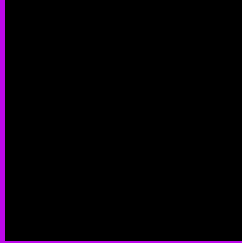
Any Text WCAG AA × Fail

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 BD08EA Background



This preview shows how black text looks on a background with the Hex color BD08EA.



This preview shows how white text looks on a background with the Hex color BD08EA.

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



Original Color
BD08EA

Protanopia
0070EB

Deuteranopia
0076CE



Tritanopia
AA5C62

Trichromacy



Original Color
BD08EA



Protanomaly
454AEB



Deuteranomaly
454ED8

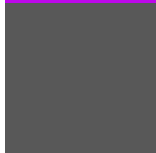


Tritanomaly
B13D93

Monochromacy



Original Color
BD08EA



Achromatopsia
585858



Achromatomaly
7D3B8D

CSS Examples

Text

The CSS property to change the color of the text to Hex BD08EA 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 #BD08EA looks like.

```
.text, #text, p{  
    color:#BD08EA  
}
```

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 #BD08EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD08EA
}
```

Border

The CSS property to change the border of an element to Hex BD08EA 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".

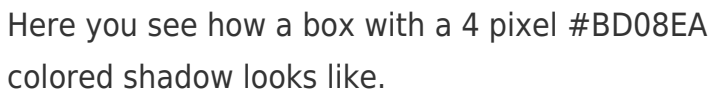
```
.border, #border, table{ border:4px solid
#BD08EA }
```

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

```
.border{ border-color:#BD08EA }
```

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

Here you see how a box with a 4 pixel #BD08EA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD08EA; -webkit-box-shadow:4px 4px  
4px 4px #BD08EA; box-shadow:4px 4px 4px  
4px #BD08EA }
```

Background

The CSS property to change the background color of an element to Hex BD08EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD08EA }
```

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

```
.background{ background-color:#BD08EA }
```

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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