

Converting Colors

Hex(BD008A)

Have a look what the booklet for
Hex(BD008A) contains.

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Color

Hex(BD008A)

Conversions

Conversions Part 1

Format	Color
Hex	BD008A
RGB	189, 0, 138
RGB Percent	74%, 0%, 54%
CMY	0.2588, 1.0000, 0.4588
CMYK	0.00, 1.00, 0.27, 0.26
HSL	316°, 100%, 37%
HSV	316°, 100%, 74%
XYZ	25.5737, 12.6538, 25.1393
YIQ	72.2430, 68.3460, 82.9860

Conversions

Conversions Part 2

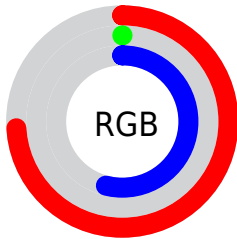
Format	Color
R_{YB}	189, 0, 138
Decimal	12386442
CIE _{Lab}	42.24, 71.77, -22.29
CIE _{LCh}	42, 75.151, 342.749
Yxy	12.6538, 0.4036, 0.1997
Android (android.graphics.Color)	4290576522 (0xFFBD008A)
YUV	72.2430, 32.4182, 102.3959
Hunter-Lab	35.5722, 66.0767, -17.0005

Details

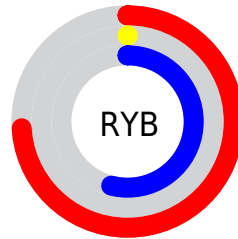
The Hex color **BD008A** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00BD33**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F956C0**, and **820058** is the 20% darker color. If you saturate the color by 10%, you get **BD008A**, and if you desaturate by 10%, it is **BD138F**.

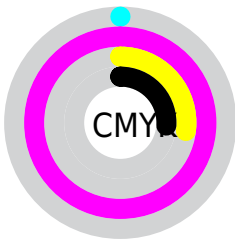
Distribution



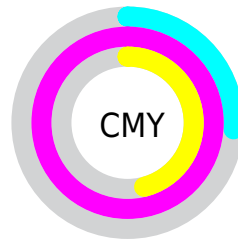
- Red (74%)
- Green (0%)
- Blue (54%)



- Red (74%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD008A 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 BD008A by changing the saturation by 10% instead.

 BD008A

 BD008A

FFFFFF

 9F0070

 F956C0

 820058

 FF74DC

 660040

 FF91F8

 4B002A

 FFAFFF

 2E0014

 FFCCFF

 000000

 FFEAFF

 BD008A

 BD138F

 BD2694

 BD3999

 BD4C9E

 BD5FA3

 BD71A9

 BD84AE

 BD97B3

 BDAAB8

Harmonies

Analogous

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



8343C0



BD008A



CC004D

Triad

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



BD008A



626900



007CB8

Complementary

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



BD008A



00BD33

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.



007D7E



BD008A



007500

Square

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



BD008A



975300



007B3C



0075DC

Rectangle

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



BD008A



C51924



007B3C



007DA6

Sweetspot

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



BD008A



F5ABE1



3200BD



7A4E6F



FAFAFA



7A7A7A

Same Dimension

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



BD008A



F500B3



BD002C



5E555C



9E0073



1F0016

Inverse Universe

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



BD008A



F500B3



00BD91



5E555C



9E0073



1F0016

Previews

White Background



This preview shows how the Hex color BD008A looks on a white background.

Color Contrast Check

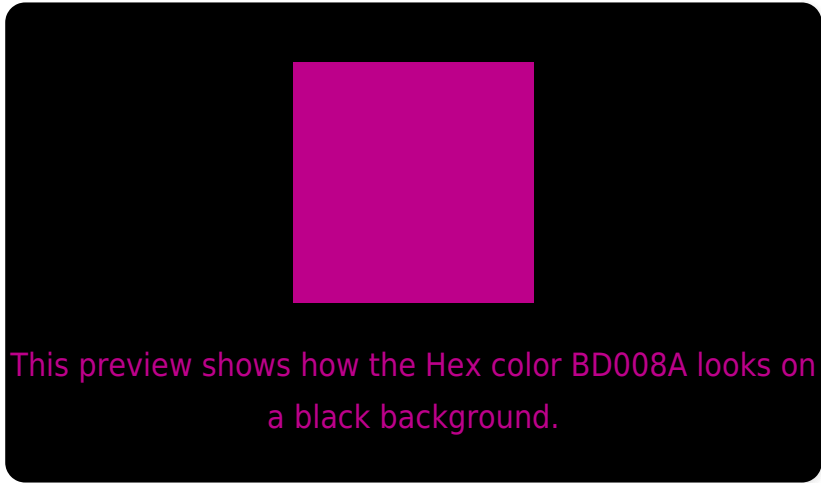
Large Text (above 18pt) WCAG AA ✓ Pass

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

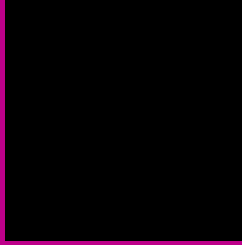
Any Text WCAG AA × Fail

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 BD008A Background



This preview shows how black text looks on a background with the Hex color BD008A.



This preview shows how white text looks on a background with the Hex color BD008A.

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



Trichromacy



Original Color
BD008A



Protanomaly
623FAF



Deuteranomaly
834084



Tritanomaly
B92256

Monochromacy



Original Color
BD008A



Achromatopsia
484848



Achromatomaly
732E60

CSS Examples

Text

The CSS property to change the color of the text to Hex BD008A 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 #BD008A looks like.

```
.text, #text, p{  
    color:#BD008A  
}
```

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 #BD008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD008A
}
```

Border

The CSS property to change the border of an element to Hex BD008A 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
#BD008A }
```

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

```
.border{ border-color:#BD008A }
```

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

Here you see how a box with a 4 pixel #BD008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD008A; -webkit-box-shadow:4px 4px  
4px 4px #BD008A; box-shadow:4px 4px 4px  
4px #BD008A }
```

Background

The CSS property to change the background color of an element to Hex BD008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD008A }
```

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

```
.background{ background-color:#BD008A }
```

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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