

Converting Colors

Hex(B4008B)

Have a look what the booklet for
Hex(B4008B) contains.

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Color

Hex(B4008B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B4008B |
| RGB | 180, 0, 139 |
| RGB Percent | 71%, 0%, 55% |
| CMY | 0.2941, 1.0000, 0.4549 |
| CMYK | 0.00, 1.00, 0.23, 0.29 |
| HSL | 314°, 100%, 35% |
| HSV | 314°, 100%, 71% |
| XYZ | 23.4826, 11.5674, 25.4212 |
| YIQ | 69.6660, 62.6610, 81.3890 |

Conversions

Conversions Part 2

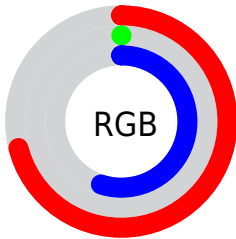
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 180, 0, 139 |
| Decimal | 11796619 |
| CIE _{Lab} | 40.52, 70.12, -25.70 |
| CIE _{LCh} | 41, 74.683, 339.869 |
| Yxy | 11.5674, 0.3883, 0.1913 |
| Android (android.graphics.Color) | 4289986699 (0xFFB4008B) |
| YUV | 69.6660, 34.1817, 96.7629 |
| Hunter-Lab | 34.0108, 63.7253, -20.5083 |

Details

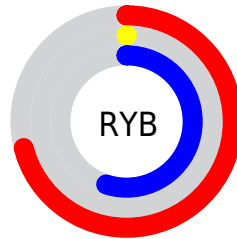
The Hex color **B4008B** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B429**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **F054C1**, and **7A0059** is the 20% darker color. If you saturate the color by 10%, you get **B4008B**, and if you desaturate by 10%, it is **B4128F**.

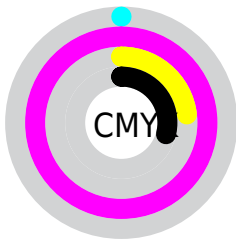
Distribution



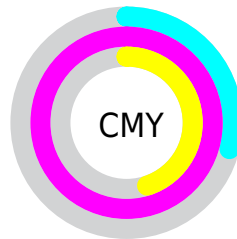
- Red (71%)
- Green (0%)
- Blue (55%)



- Red (71%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4008B 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 B4008B by changing the saturation by 10% instead.

 B4008B

 B4008B

FFFFFF

 970071

 F054C1

 7A0059

 FF72DD

 5E0041

 FF8FF9

 44002B

 FFACFF

 270015

 FFC9FF


 000000

 FFE7FF

 B4008B

 B4128F

 B42493

 B43697

 B4489B

 B45AA0

 B46CA4

 B47EA8

 B490AC

 B4A2B0

Harmonies

Analogous

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



7643BF



B4008B



C6004E

Triad

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



B4008B



636400



0078AE

Complementary

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



B4008B



00B429

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.



007873



B4008B



097000

Square

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



B4008B



964C00



007632



0072D4

Rectangle

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



B4008B



C00727



007632



00789B

Sweetspot

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



B4008B



EBA4DB



2700B4



754B6C



F5F5F5



757575

Same Dimension

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



B4008B



EB00B5



B40033



595057



990076



1A0014

Inverse Universe

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



B4008B



EB00B5



00B481



595057



990076



1A0014

Previews

White Background



This preview shows how the Hex color B4008B looks on a white background.

Color Contrast Check

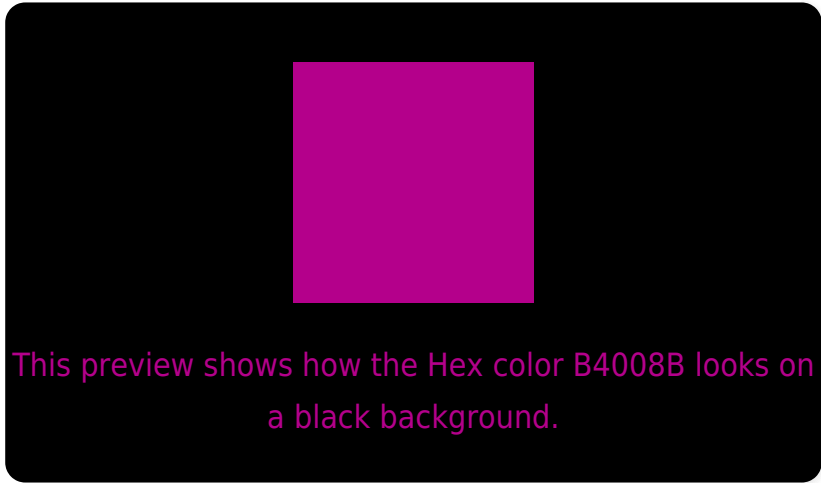
Large Text (above 18pt) WCAG AA ✓ Pass

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

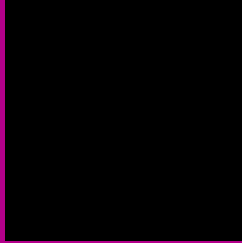
Any Text WCAG AA × Fail

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 B4008B Background



This preview shows how black text looks on a background with the Hex color B4008B.



This preview shows how white text looks on a background with the Hex color B4008B.

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
B4008B



Protanomaly
523CB0



Deuteranomaly
7B3E85



Tritanomaly
B02357

Monochromacy



Original Color
B4008B



Achromatopsia
464646



Achromatomaly
6E2D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex B4008B 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 #B4008B looks like.

```
.text, #text, p{  
    color:#B4008B  
}
```

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 #B4008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4008B
}
```

Border

The CSS property to change the border of an element to Hex B4008B is called "border". The border property can be set on classes, ids or directly on the HTML element.

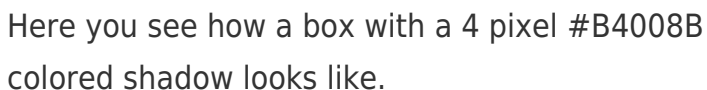
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4008B }
```

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

```
.border{ border-color:#B4008B }
```

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



Here you see how a box with a 4 pixel #B4008B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4008B; -webkit-box-shadow:4px 4px  
4px 4px #B4008B; box-shadow:4px 4px 4px  
4px #B4008B }
```

Background

The CSS property to change the background color of an element to Hex B4008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4008B }
```

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

```
.background{ background-color:#B4008B }
```

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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