

Converting Colors

Hex(B0008B)

Have a look what the booklet for
Hex(B0008B) contains.

Hex(B0008B)	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(B0008B)

Conversions

Conversions Part 1

Format	Color
Hex	B0008B
RGB	176, 0, 139
RGB Percent	69%, 0%, 55%
CMY	0.3098, 1.0000, 0.4549
CMYK	0.00, 1.00, 0.21, 0.31
HSL	313°, 100%, 35%
HSV	313°, 100%, 69%
XYZ	22.5647, 11.0942, 25.3782
YIQ	68.4700, 60.2770, 80.5410

Conversions

Conversions Part 2

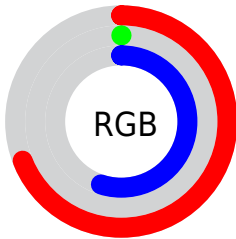
Format	Color
R_{YB}	176, 0, 139
Decimal	11534475
CIE _{Lab}	39.74, 69.35, -26.98
CIE _{LCh}	40, 74.411, 338.740
Yxy	11.0942, 0.3822, 0.1879
Android (android.graphics.Color)	4289724555 (0xFFB0008B)
YUV	68.4700, 34.7713, 94.3038
Hunter-Lab	33.3079, 62.6372, -21.8591

Details

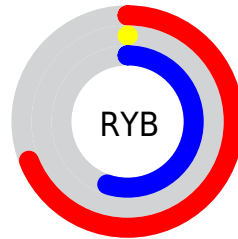
The Hex color **B0008B** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B025**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **EB53C1**, and **760059** is the 20% darker color. If you saturate the color by 10%, you get **B0008B**, and if you desaturate by 10%, it is **B0128F**.

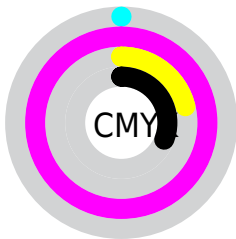
Distribution



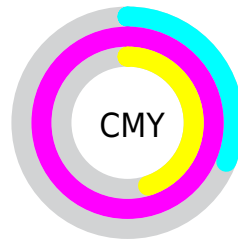
- Red (69%)
- Green (0%)
- Blue (55%)



- Red (69%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0008B 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 B0008B by changing the saturation by 10% instead.

 B0008B

 B0008B

FFFFFF

 930071

 EB53C1

 760059

 FF71DD

 5A0041

 FF8EFA

 41002B

 FFABFF

 230014

 FFC8FF

 000000

 FFE6FF

 B0008B

 B0128F

 B02392

 B03596


 B0469A

 B0589D

 B06AA1

 B07BA5

 B08DA9

 B09EAC

Harmonies

Analogous

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



7042BE



B0008B



C4004F

Triad

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



B0008B



636100



0076A9

Complementary

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



B0008B



00B025

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.



00766F



B0008B



0F6E00

Square

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



B0008B



954900



00742E



0070D0

Rectangle

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



B0008B



BE0028



00742E



007697

Sweetspot

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



B0008B



E6A1D7



2300B0



73496A



F2F2F2



737373

Same Dimension

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



B0008B



E600B5



B00035



595057



990079



1A0014

Inverse Universe

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



B0008B



E600B5



00B07B



595057



990079



1A0014

Previews

White Background



This preview shows how the Hex color B0008B looks on a white background.

Color Contrast Check

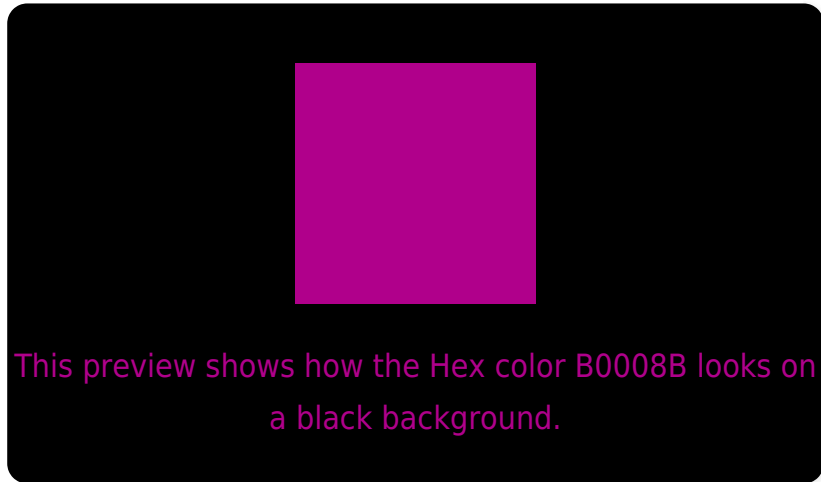
Large Text (above 18pt) WCAG AA ✓ Pass

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

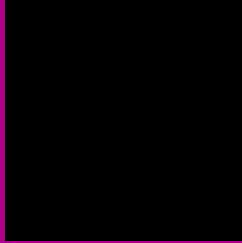
Any Text WCAG AA × Fail

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 B0008B Background



This preview shows how black text looks on a background with the Hex color B0008B.




This preview shows how white text looks on a background with the Hex color B0008B.

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
A9373A

Trichromacy



Original Color
B0008B



Protanomaly
463BB0



Deuteranomaly
773C85



Tritanomaly
AC2357

Monochromacy



Original Color
B0008B



Achromatopsia
444444



Achromatomaly
6B2B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex B0008B 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 #B0008B looks like.

```
.text, #text, p{  
    color:#B0008B  
}
```

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 #B0008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0008B
}
```

Border

The CSS property to change the border of an element to Hex B0008B is called "border". The border property can be set on classes, ids or directly on the HTML element.

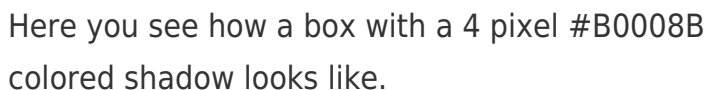
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0008B }
```

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

```
.border{ border-color:#B0008B }
```

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



Here you see how a box with a 4 pixel `#B0008B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0008B; -webkit-box-shadow:4px 4px  
4px 4px #B0008B; box-shadow:4px 4px 4px  
4px #B0008B }
```

Background

The CSS property to change the background color of an element to Hex B0008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0008B }
```

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

```
.background{ background-color:#B0008B }
```

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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