

# Converting Colors

Hex(B1008A)

Have a look what the booklet for  
Hex(B1008A) contains.

|  |    |
|--|----|
| <b>Hex(B1008A)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(B1008A)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B1008A                    |
| RGB         | 177, 0, 138               |
| RGB Percent | 69%, 0%, 54%              |
| CMY         | 0.3059, 1.0000, 0.4588    |
| CMYK        | 0.00, 1.00, 0.22, 0.31    |
| HSL         | 313°, 100%, 35%           |
| HSV         | 313°, 100%, 69%           |
| XYZ         | 22.7189, 11.1821, 25.0057 |
| YIQ         | 68.6550, 61.1940, 80.4420 |

# Conversions

## Conversions Part 2

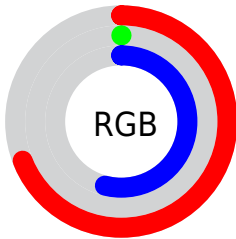
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 177, 0, 138                   |
| Decimal                             | 11600010                      |
| CIE <sub>Lab</sub>                  | 39.89, 69.42, -26.12          |
| CIE <sub>LCh</sub>                  | 40, 74.170, 339.378           |
| Yxy                                 | 11.1821, 0.3857,<br>0.1898    |
| Android<br>(android.graphics.Color) | 4289790090<br>(0xFFB1008A)    |
| YUV                                 | 68.6550, 34.1871,<br>95.0186  |
| Hunter-Lab                          | 33.4396, 62.7537,<br>-20.9285 |

# Details

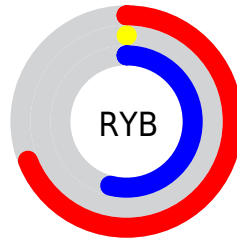
The Hex color **B1008A** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B127**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **ED54C0**, and **770058** is the 20% darker color. If you saturate the color by 10%, you get **B1008A**, and if you desaturate by 10%, it is **B1128E**.

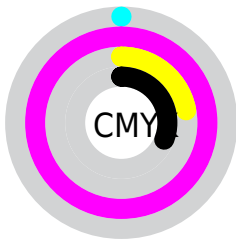
# Distribution



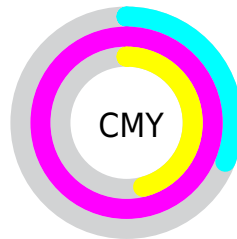
- Red (69%)
- Green (0%)
- Blue (54%)



- Red (69%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1008A 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 B1008A by changing the saturation by 10% instead.



 B1008A

 B1008A

FFFFFF

 940070

 ED54C0

 770058

 FF71DC

 5B0040

 FF8EF8

 42002A

 FFABFF

 240014

 FFC8FF


 000000

 FFE6FF

 B1008A

 B1128E

 B12392


 B13596

 B1479A

 B1599D

 B16AA1

 B17CA5

 B18EA9

 B19FAD

# Harmonies

## Analogous

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



7342BD



B1008A



C4004E

# Triad

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



B1008A



626200



0076AA

# Complementary

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



B1008A



00B127

# 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.



007670



B1008A



0C6E00

# Square

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



B1008A



944B00



007430



0070D1

# Rectangle

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



B1008A



BE0327



007430



007698



# Sweetspot

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



B1008A



E6A1D6



2600B1



73496A



F2F2F2



737373



# Same Dimension

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



B1008A



E600B3



B10032



595057



990077



1A0014



# Inverse Universe

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



B1008A



E600B3



00B17F



595057



990077



1A0014



# Previews

## White Background



This preview shows how the Hex color B1008A looks on a white background.

## Color Contrast Check

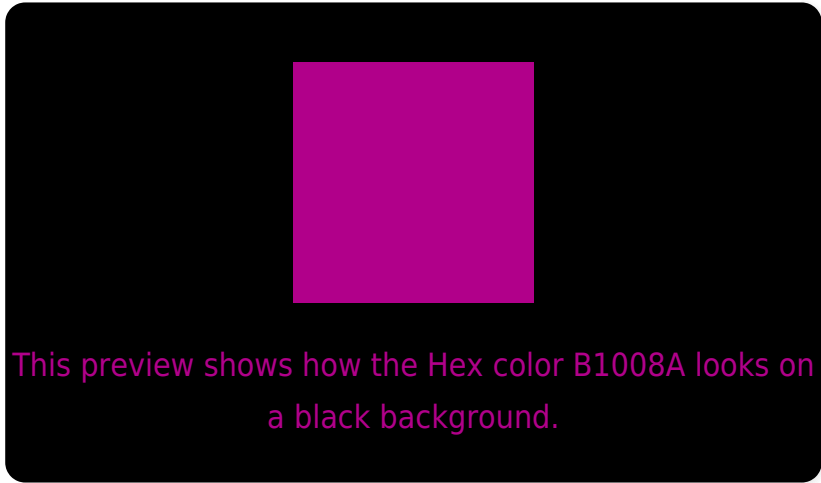
Large Text (above 18pt) WCAG AA ✓ Pass

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

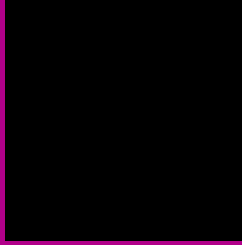
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B1008A Background



This preview shows how black text looks on a background with the Hex color B1008A.

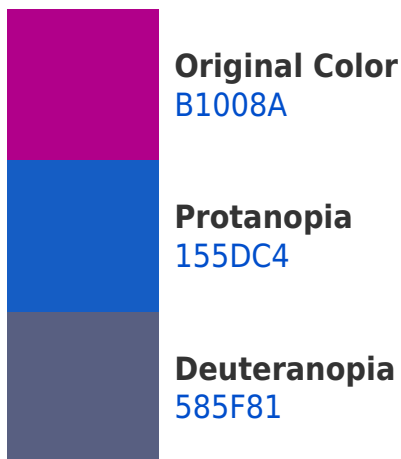


This preview shows how white text looks on a background with the Hex color B1008A.

# 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**  
B1008A



**Protanomaly**  
4E3BAF



**Deuteranomaly**  
783C84

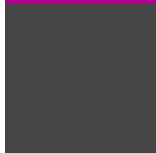


**Tritanomaly**  
AD2256

# Monochromacy



**Original Color**  
B1008A



**Achromatopsia**  
454545



**Achromatomaly**  
6C2C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1008A 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 #B1008A looks like.

```
.text, #text, p{  
    color:#B1008A  
}
```

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 #B1008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1008A
}
```

## Border

The CSS property to change the border of an element to Hex B1008A 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
#B1008A }
```

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

```
.border{ border-color:#B1008A }
```

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

Here you see how a box with a 4 pixel #B1008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1008A; -webkit-box-shadow:4px 4px  
4px 4px #B1008A; box-shadow:4px 4px 4px  
4px #B1008A }
```

# Background

The CSS property to change the background color of an element to Hex B1008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1008A }
```

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

```
.background{ background-color:#B1008A }
```

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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