

Converting Colors

Hex(B5008F)

Have a look what the booklet for
Hex(B5008F) contains.

| | |
|--|----|
| Hex(B5008F) | 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(B5008F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B5008F |
| RGB | 181, 0, 143 |
| RGB Percent | 71%, 0%, 56% |
| CMY | 0.2902, 1.0000, 0.4392 |
| CMYK | 0.00, 1.00, 0.21, 0.29 |
| HSL | 313°, 100%, 35% |
| HSV | 313°, 100%, 71% |
| XYZ | 24.0140, 11.8069, 26.9999 |
| YIQ | 70.4210, 61.9730, 82.8450 |

Conversions

Conversions Part 2

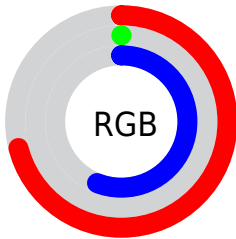
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 181, 0, 143 |
| Decimal | 11862159 |
| CIE _{Lab} | 40.91, 70.80, -27.53 |
| CIE _{LCh} | 41, 75.965, 338.749 |
| Yxy | 11.8069, 0.3823, 0.1879 |
| Android (android.graphics.Color) | 4290052239 (0xFFB5008F) |
| YUV | 70.4210, 35.7814, 96.9778 |
| Hunter-Lab | 34.3612, 64.6160, -22.5352 |

Details

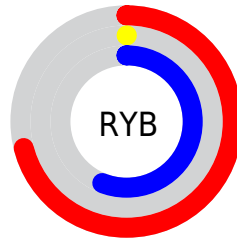
The Hex color **B5008F** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B526**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **F155C5**, and **7B005C** is the 20% darker color. If you saturate the color by 10%, you get **B5008F**, and if you desaturate by 10%, it is **B51293**.

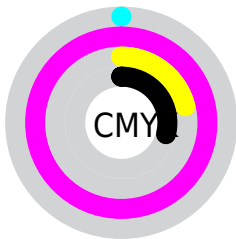
Distribution



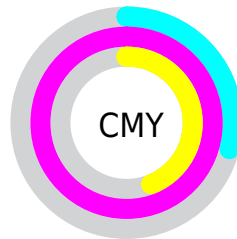
- Red (71%)
- Green (0%)
- Blue (56%)



- Red (71%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5008F 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 B5008F by changing the saturation by 10% instead.

 B5008F

 B5008F

FFFFFF

 980075

 F155C5

 7B005C

 FF72E1

 5F0044

 FF8FFE

 45002E

 FFADFF

 280018

 FFCAFF

 000000

 FFE8FF

 B5008F

 B51293

 B52497

 B5369A

 B5489E

 B55BA2

 B56DA6

 B57FAA

 B591AD

 B5A3B1

Harmonies

Analogous

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



7344C3



B5008F



C90051

Triad

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



B5008F



666400



0079AE

Complementary

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



B5008F



00B526

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.



007972



B5008F



107100

Square

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



B5008F



994C00



00772F



0073D6

Rectangle

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



B5008F



C40029



00772F



007A9B

Sweetspot

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



B5008F



EBA4DC



2400B5



754B6C



F5F5F5



757575

Same Dimension

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



B5008F



EB00B9



B50036



595057



990079



1A0014

Inverse Universe

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



B5008F



EB00B9



00B57F



595057



990079



1A0014

Previews

White Background



This preview shows how the Hex color B5008F looks on a white background.

Color Contrast Check

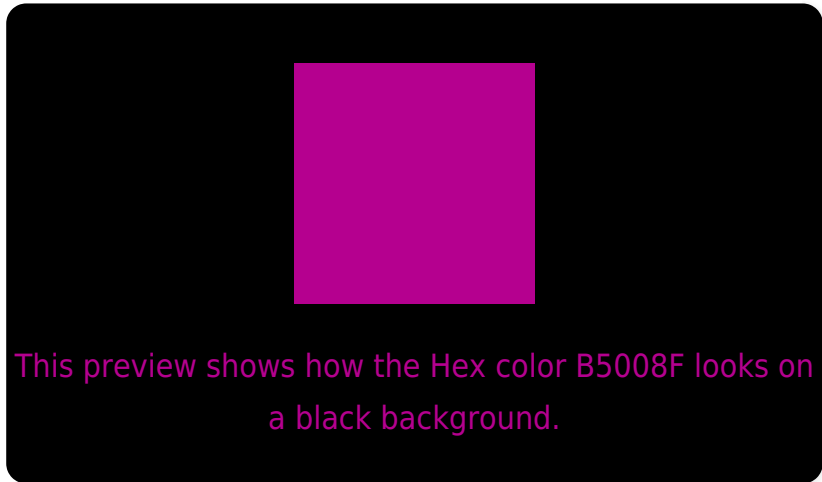
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5008F Background



This preview shows how black text looks on a background with the Hex color B5008F.



This preview shows how white text looks on a background with the Hex color B5008F.

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
AE383B

Trichromacy



Original Color
B5008F



Protanomaly
483CB5



Deuteranomaly
7A3E89



Tritanomaly
B1245A

Monochromacy



Original Color
B5008F



Achromatopsia
464646



Achromatomaly
6E2D61

CSS Examples

Text

The CSS property to change the color of the text to Hex B5008F 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 #B5008F looks like.

```
.text, #text, p{  
    color:#B5008F  
}
```

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 #B5008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5008F
}
```

Border

The CSS property to change the border of an element to Hex B5008F is called "border". The border property can be set on classes, ids or directly on the HTML element.

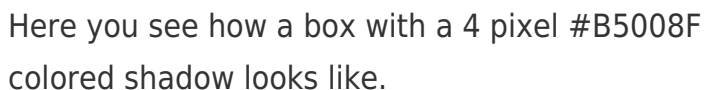
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5008F }
```

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

```
.border{ border-color:#B5008F }
```

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



Here you see how a box with a 4 pixel #B5008F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5008F; -webkit-box-shadow:4px 4px  
4px 4px #B5008F; box-shadow:4px 4px 4px  
4px #B5008F }
```

Background

The CSS property to change the background color of an element to Hex B5008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5008F }
```

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

```
.background{ background-color:#B5008F }
```

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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