

Converting Colors

Hex(B80088)

Have a look what the booklet for
Hex(B80088) contains.

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Color

Hex(B80088)

Conversions

Conversions Part 1

Format	Color
Hex	B80088
RGB	184, 0, 136
RGB Percent	72%, 0%, 53%
CMY	0.2784, 1.0000, 0.4667
CMYK	0.00, 1.00, 0.26, 0.28
HSL	316°, 100%, 36%
HSV	316°, 100%, 72%
XYZ	24.2111, 11.9679, 24.3265
YIQ	70.5200, 66.0080, 81.3040

Conversions

Conversions Part 2

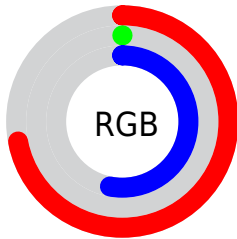
Format	Color
RYB	184, 0, 136
Decimal	12058760
CIELab	41.17, 70.55, -22.80
CIElCh	41, 74.144, 342.092
Yxy	11.9679, 0.4001, 0.1978
Android (android.graphics.Color)	4290248840 (0xFFB80088)
YUV	70.5200, 32.2816, 99.5220
Hunter-Lab	34.5947, 64.3826, -17.4757

Details

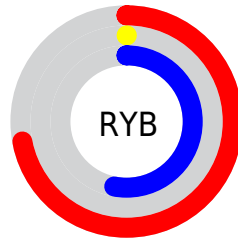
The Hex color **B80088** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B830**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **F455BE**, and **7E0056** is the 20% darker color. If you saturate the color by 10%, you get **B80088**, and if you desaturate by 10%, it is **B8128D**.

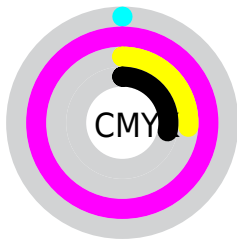
Distribution



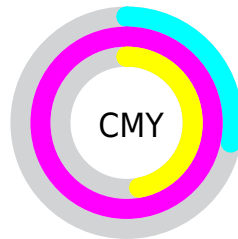
- Red (72%)
- Green (0%)
- Blue (53%)



- Red (72%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B80088 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 B80088 by changing the saturation by 10% instead.

 B80088

 B80088

FFFFFF

 9B006E

 F455BE

 7E0056

 FF73D9

 61003E

 FF90F6

 470029

 FFADFF

 2A0012

 FFCAFF

 000000

 FFE8FF

 B80088

 B8128D

 B82592

 B83796

 B84A9B

 B85CA0

 B86EA5

 B881AA

 B893AE

 B8A6B3

Harmonies

Analogous

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



7E42BD



B80088



C8004C

Triad

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



B80088



616600



0079B2

Complementary

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



B80088



00B830

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.



007A79



B80088



007200

Square

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



B80088



945000



007839



0072D7

Rectangle

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



B80088



C11624



007839



007AA1

Sweetspot

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



B80088



F0A8DD



2E00B8



784D6D



F7F7F7



787878

Same Dimension

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



B80088



F000B1



B8002E



5C5359



9C0073



1C0015

Inverse Universe

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



B80088



F000B1



00B88A



5C5359



9C0073



1C0015

Previews

White Background



This preview shows how the Hex color B80088 looks on a white background.

Color Contrast Check

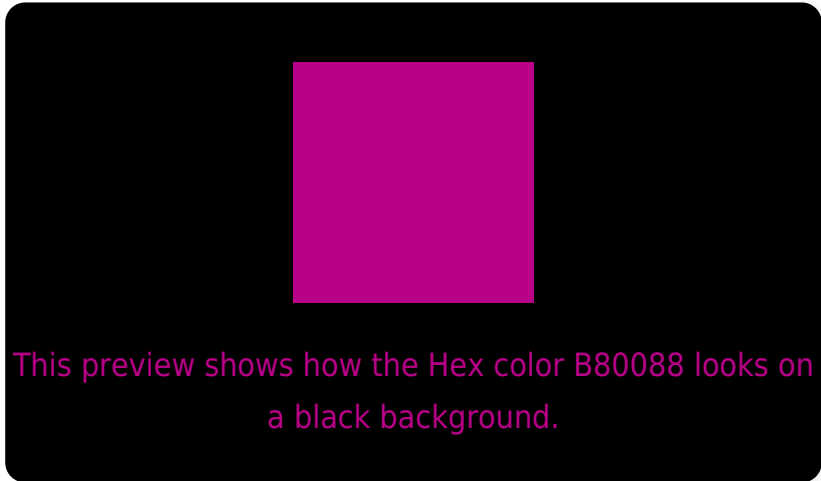
Large Text (above 18pt) WCAG AA ✓ Pass

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 B80088 Background



This preview shows how black text looks on a background with the Hex color B80088.




This preview shows how white text looks on a background with the Hex color B80088.

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
B23638

Trichromacy



Original Color
B80088



Protanomaly
5E3DAC



Deuteranomaly
7F3E82



Tritanomaly
B42255

Monochromacy



Original Color
B80088



Achromatopsia
474747



Achromatomaly
702D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex B80088 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 #B80088 looks like.

```
.text, #text, p{  
    color:#B80088  
}
```

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 #B80088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80088
}
```

Border

The CSS property to change the border of an element to Hex B80088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

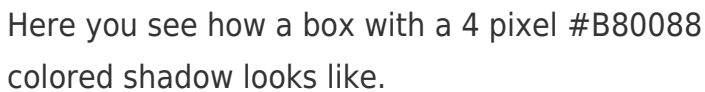
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B80088 }
```

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

```
.border{ border-color:#B80088 }
```

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



Here you see how a box with a 4 pixel #B80088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80088; -webkit-box-shadow:4px 4px  
4px 4px #B80088; box-shadow:4px 4px 4px  
4px #B80088 }
```

Background

The CSS property to change the background color of an element to Hex B80088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80088 }
```

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

```
.background{ background-color:#B80088 }
```

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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