

Converting Colors

Hex(B80F85)

Have a look what the booklet for
Hex(B80F85) contains.

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Color

Hex(B80F85)

Conversions

Conversions Part 1

Format	Color
Hex	B80F85
RGB	184, 15, 133
RGB Percent	72%, 6%, 52%
CMY	0.2784, 0.9412, 0.4784
CMYK	0.00, 0.92, 0.28, 0.28
HSL	318°, 85%, 39%
HSV	318°, 92%, 72%
XYZ	24.1716, 12.2255, 23.2761
YIQ	78.9830, 62.8460, 72.5260

Conversions

Conversions Part 2

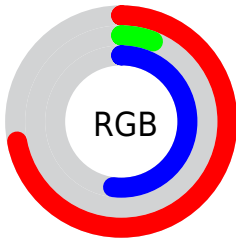
Format	Color
RYB	184, 15, 133
Decimal	12062597
CIELab	41.57, 68.62, -20.32
CIELCh	42, 71.571, 343.503
Yxy	12.2255, 0.4051, 0.2049
Android (android.graphics.Color)	4290252677 (0xFFB80F85)
YUV	78.9830, 26.6304, 92.0999
Hunter-Lab	34.9649, 62.2104, -14.9938

Details

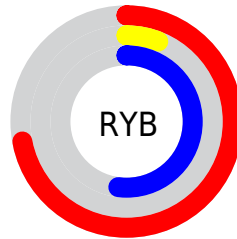
The Hex color **B80F85** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **0FB842**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F459BA**, and **7E0053** is the 20% darker color. If you saturate the color by 10%, you get **B80080**, and if you desaturate by 10%, it is **B8218B**.

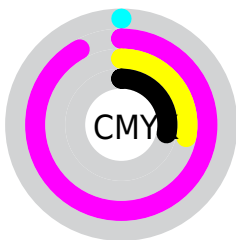
Distribution



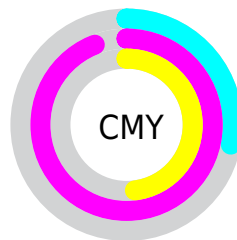
- Red (72%)
- Green (6%)
- Blue (52%)



- Red (72%)
- Yellow (6%)
- Blue (52%)



- Cyan (0%)
- Magenta (92%)
- Yellow (28%)
- Black (28%)



- Cyan (28%)
- Magenta (94%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B80F85 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 B80F85 by changing the saturation by 10% instead.

 B80F85

 B80F85

FFFFFF

 9B006C

 F459BA

 7E0053

 FF76D6

 61003C

 FF93F3

 470026

 FFB0FF

 2A000F

 FFCDFD

 000000

 FFE8FF

 B80F85

 B80F85

 B80080

 B8218B

 B83490

 B84696

 B8599B

 B86BA1

 B87DA6

 B890AC

 B8A2B1

 B8B5B7

Harmonies

Analogous

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



8342B9



B80F85



C6004B

Triad

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



B80F85



606800



0079B3

Complementary

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



B80F85



0FB842

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.



007A7C



B80F85



007300

Square

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



B80F85



925300



00783E



0072D4

Rectangle

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



B80F85



BE2225



00783E



007AA2

Sweetspot

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



B80F85



F0ADDB



420FB8



784F6C



F7F7F7



787878

Same Dimension

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



B80F85



F000A7



B80F31



5C5359



9C006D



1C0014

Inverse Universe

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



B80F85



F000A7



0FB896



5C5359



9C006D



1C0014

Previews

White Background



This preview shows how the Hex color B80F85 looks on a white background.

Color Contrast Check

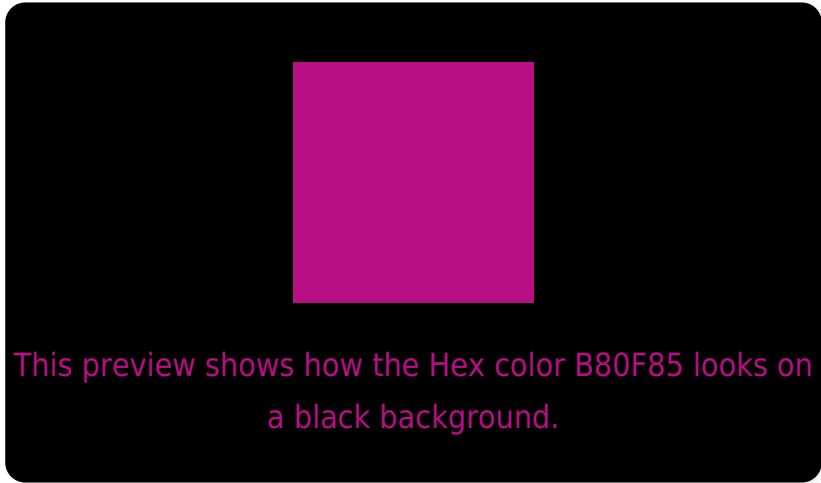
Large Text (above 18pt) WCAG AA ✓ Pass

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 B80F85 Background



This preview shows how black text looks on a background with the Hex color B80F85.



This preview shows how white text looks on a background with the Hex color B80F85.

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
B80F85



Protanomaly
6343A8



Deuteranomaly
81447F



Tritanomaly
B42854

Monochromacy



Original Color
B80F85



Achromatopsia
4F4F4F



Achromatomaly
753863

CSS Examples

Text

The CSS property to change the color of the text to Hex B80F85 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 #B80F85 looks like.

```
.text, #text, p{  
    color:#B80F85  
}
```

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 #B80F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80F85
}
```

Border

The CSS property to change the border of an element to Hex B80F85 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".

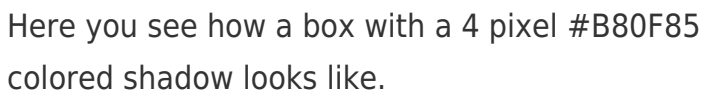
```
.border, #border, table{ border:4px solid
#B80F85 }
```

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

```
.border{ border-color:#B80F85 }
```

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

Here you see how a box with a 4 pixel #B80F85 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80F85; -webkit-box-shadow:4px 4px  
4px 4px #B80F85; box-shadow:4px 4px 4px  
4px #B80F85 }
```

Background

The CSS property to change the background color of an element to Hex B80F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80F85 }
```

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

```
.background{ background-color:#B80F85 }
```

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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