

Converting Colors

Hex(BF0080)

Have a look what the booklet for
Hex(BF0080) contains.

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Color

Hex(BF0080)

Conversions

Conversions Part 1

Format	Color
Hex	BF0080
RGB	191, 0, 128
RGB Percent	75%, 0%, 50%
CMY	0.2510, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.33, 0.25
HSL	320°, 100%, 37%
HSV	320°, 100%, 75%
XYZ	25.3821, 12.6349, 21.5231
YIQ	71.7010, 72.7480, 80.3000

Conversions

Conversions Part 2

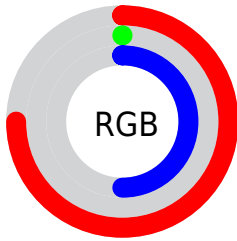
Format	Color
R_{YB}	191, 0, 128
Decimal	12517504
CIE _{Lab}	42.21, 71.09, -16.15
CIE _{LCh}	42, 72.898, 347.203
Yxy	12.6349, 0.4263, 0.2122
Android (android.graphics.Color)	4290707584 (0xFFBF0080)
YUV	71.7010, 27.7554, 104.6252
Hunter-Lab	35.5456, 65.2573, -11.0186

Details

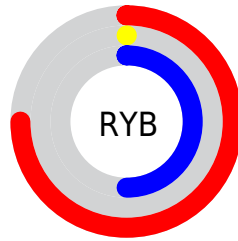
The Hex color **BF0080** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00BF3F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FC56B5**, and **84004F** is the 20% darker color. If you saturate the color by 10%, you get **BF0080**, and if you desaturate by 10%, it is **BF1386**.

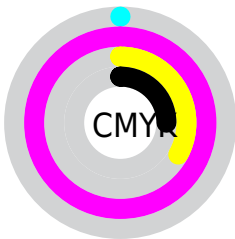
Distribution



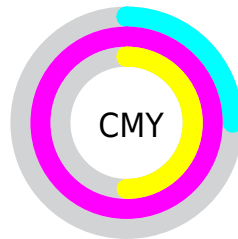
- Red (75%)
- Green (0%)
- Blue (50%)



- Red (75%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF0080 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 BF0080 by changing the saturation by 10% instead.

 BF0080

 BF0080

FFFFFF

 A10067

 FC56B5

 84004F

 FF74D0

 670038

 FF91ED

 4C0022

 FFAEFF

 2F0008

 FFC0FF

 000000

 FFEAFF

 BF0080

 BF1386

 BF268D

 BF3993

 BF4C99

 BF60A0

 BF73A6

 BF86AC

 BF99B2

 BFACB9

Harmonies

Analogous

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



8E3EB6



BF0080



C90044

Triad

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



BF0080



5A6B00



007BBC

Complementary

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



BF0080



00BF3F

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.



007D86



BF0080



007600

Square

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



BF0080



8F5800



007B47



0073DA

Rectangle

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



BF0080



BF271D



007B47



007CAC

Sweetspot

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



BF0080



F7ADDF



3C00BF



7D506E



FCFCFC



7D7D7D

Same Dimension

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



BF0080



F700A6



BF0023



5E555B



9E006A



1F0015

Inverse Universe

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



BF0080



F700A6



00BF9C



5E555B



9E006A



1F0015

Previews

White Background



This preview shows how the Hex color BF0080 looks on a white background.

Color Contrast Check

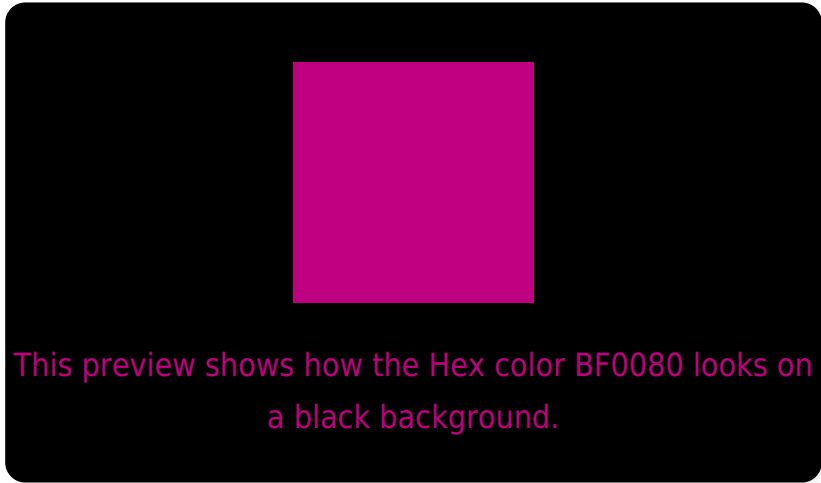
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0080 Background



This preview shows how black text looks on a background with the Hex color BF0080.



This preview shows how white text looks on a background with the Hex color BF0080.

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
BF0080



Protanomaly
6D3FA3



Deuteranomaly
88407A

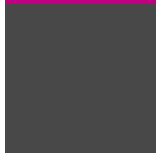


Tritanomaly
BC2050

Monochromacy



Original Color
BF0080



Achromatopsia
484848



Achromatomaly
732E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex BF0080 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 #BF0080 looks like.

```
.text, #text, p{  
    color:#BF0080  
}
```

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 #BF0080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0080
}
```

Border

The CSS property to change the border of an element to Hex BF0080 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
#BF0080 }
```

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

```
.border{ border-color:#BF0080 }
```

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

Here you see how a box with a 4 pixel #BF0080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0080; -webkit-box-shadow:4px 4px  
4px 4px #BF0080; box-shadow:4px 4px 4px  
4px #BF0080 }
```

Background

The CSS property to change the background color of an element to Hex BF0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0080 }
```

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

```
.background{ background-color:#BF0080 }
```

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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