

# Converting Colors

Hex(B80696)

Have a look what the booklet for  
Hex(B80696) contains.

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**Color**

**Hex(B80696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B80696
RGB	184, 6, 150
RGB Percent	72%, 2%, 59%
CMY	0.2784, 0.9765, 0.4118
CMYK	0.00, 0.97, 0.18, 0.28
HSL	311°, 94%, 37%
HSV	311°, 97%, 72%
XYZ	25.3373, 12.5226, 29.9358
YIQ	75.6380, 59.8640, 82.5200

# Conversions

## Conversions Part 2

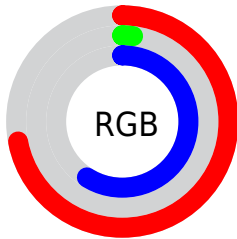
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 6, 150
Decimal	12060310
CIE <sub>Lab</sub>	42.03, 71.64, -29.99
CIE <sub>LCh</sub>	42, 77.666, 337.286
Yxy	12.5226, 0.3737, 0.1847
Android (android.graphics.Color)	4290250390 (0xFFB80696)
YUV	75.6380, 36.6605, 95.0335
Hunter-Lab	35.3873, 65.8783, -25.3852

# Details

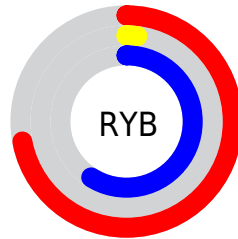
The Hex color **B80696** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **06B828**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **F457CD**, and **7E0063** is the 20% darker color. If you saturate the color by 10%, you get **B80095**, and if you desaturate by 10%, it is **B8189A**.

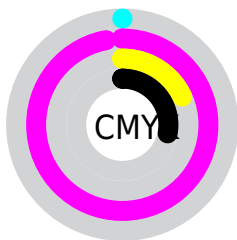
# Distribution



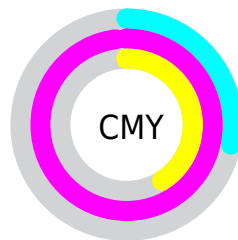
- Red (72%)
- Green (2%)
- Blue (59%)



- Red (72%)
- Yellow (2%)
- Blue (59%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (28%)



- Cyan (28%)
- Magenta (98%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B80696 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 B80696 by changing the saturation by 10% instead.



 B80696

 B80696

FFFFFF

 9B007C

 F457CD

 7E0063

 FF75E9

 62004A

 FF92FF

 470034

 FFAFFF

 2B001D

 FFCDFE

 000000

 FFEAFF

 B80696

 B80696

 B80095

 B8189A

 B82B9D

 B83DA1

 B850A4

 B862A8

 B874AB

 B887AF

 B899B2

 B8ACB6

# Harmonies

## Analogous

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



7148CB



B80696



CF0057

# Triad

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



B80696



6C6600



007DB0

# Complementary

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



B80696



06B828

# 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.



007D72



B80696



1A7400

# Square

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



B80696



9F4C00



007A2D



0077DB

# Rectangle

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



B80696



CA002D



007A2D



007D9D



# Sweetspot

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



B80696



F0AAE2



2706B8



784E70



F7F7F7



787878



# Same Dimension

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



B80696



F000C2



B8063E



5C535A



9C007E



1C0017



# Inverse Universe

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



B80696



F000C2



06B880



5C535A



9C007E



1C0017



# Previews

## White Background



This preview shows how the Hex color B80696 looks on a white background.

## Color Contrast Check

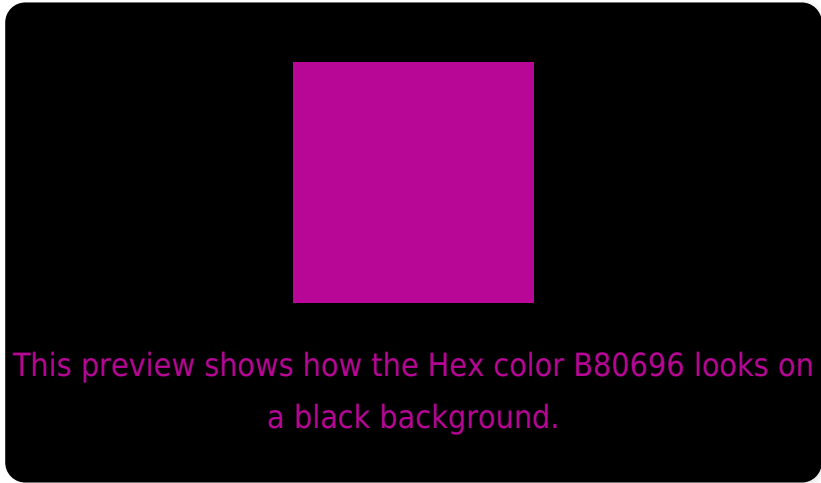
Large Text (above 18pt) WCAG AA ✓ Pass

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

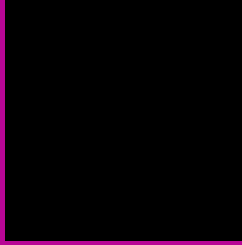
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B80696 Background



This preview shows how black text looks on a background with the Hex color B80696.



This preview shows how white text looks on a background with the Hex color B80696.

# 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**  
B13B3E

# Trichromacy



**Original Color**  
B80696



**Protanomaly**  
4341BB



**Deuteranomaly**  
7B4290



**Tritanomaly**  
B4285E

# Monochromacy



**Original Color**  
B80696



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
733367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B80696 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 #B80696 looks like.

```
.text, #text, p{  
    color:#B80696  
}
```

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 #B80696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80696
}
```

## Border

The CSS property to change the border of an element to Hex B80696 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
#B80696 }
```

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

```
.border{ border-color:#B80696 }
```

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

Here you see how a box with a 4 pixel #B80696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80696; -webkit-box-shadow:4px 4px  
4px 4px #B80696; box-shadow:4px 4px 4px  
4px #B80696 }
```

# Background

The CSS property to change the background color of an element to Hex B80696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80696 }
```

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

```
.background{ background-color:#B80696 }
```

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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