

Converting Colors

Hex(B80067)

Have a look what the booklet for
Hex(B80067) contains.

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Color

Hex(B80067)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | B80067 |
| RGB | 184, 0, 103 |
| RGB Percent | 72%, 0%, 40% |
| CMY | 0.2784, 1.0000, 0.5961 |
| CMYK | 0.00, 1.00, 0.44, 0.28 |
| HSL | 326°, 100%, 36% |
| HSV | 326°, 100%, 72% |
| XYZ | 22.2153, 11.1696, 13.8170 |
| YIQ | 66.7580, 76.6010, 71.0410 |

Conversions

Conversions Part 2

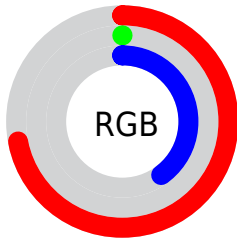
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 184, 0, 103 |
| Decimal | 12058727 |
| CIE _{Lab} | 39.86, 67.20, -4.19 |
| CIE _{LCh} | 40, 67.328, 356.436 |
| Yxy | 11.1696, 0.4706, 0.2366 |
| Android (android.graphics.Color) | 4290248807 (0xFFB80067) |
| YUV | 66.7580, 17.8673, 102.8212 |
| Hunter-Lab | 33.4210, 60.1645, -1.1172 |

Details

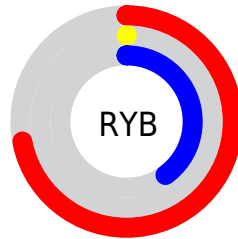
The Hex color **B80067** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00B851**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F5539A**, and **7D0038** is the 20% darker color. If you saturate the color by 10%, you get **B80067**, and if you desaturate by 10%, it is **B8126F**.

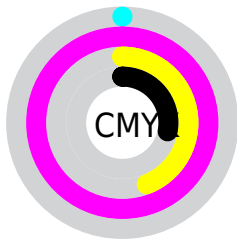
Distribution



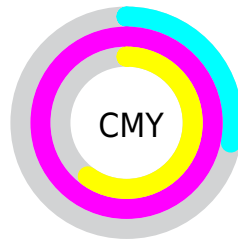
- Red (72%)
- Green (0%)
- Blue (40%)



- Red (72%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B80067 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 B80067 by changing the saturation by 10% instead.

 B80067

 B80067

FFFFFF

 9A004F

 F5539A

 7D0038

 FF71B5

 5F0023

 FF8ED0

 45000D

 FFABEC

 250001

 FFC8FF

 000000

 FFE6FF

 B80067

 B8126F

 B82577

 B8377F

 B84A87

 B85C90

 B86E98

 B881A0

 B893A8

 B8A6B0

Harmonies

Analogous

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



97319C



B80067



B81A31

Triad

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



B80067



436900



0072BA

Complementary

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



B80067



00B851

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.



00758E



B80067



007119

Square

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



B80067



795A00



007455



0067CD

Rectangle

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



B80067



AB3509



007455



0073AD

Sweetspot

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



B80067



F0A8D0



5000B8



784D65



F7F7F7



787878

Same Dimension

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



B80067



F00086



B8000C



5C5358



9C0057



1C0010

Inverse Universe

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



B80067



F00086



00B8AC



5C5358



9C0057



1C0010

Previews

White Background



This preview shows how the Hex color B80067 looks on a white background.

Color Contrast Check

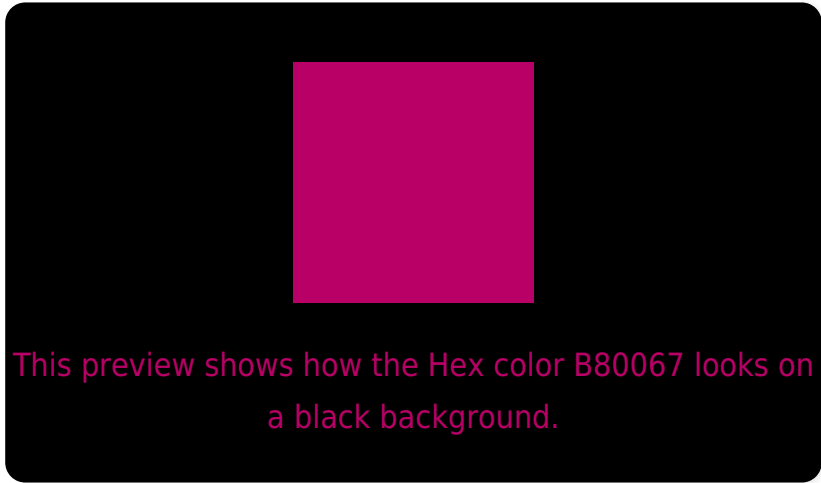
Large Text (above 18pt) WCAG AA ✓ Pass

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 B80067 Background



This preview shows how black text looks on a background with the Hex color B80067.



This preview shows how white text looks on a background with the Hex color B80067.

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
B80067



Protanomaly
753C84



Deuteranomaly
863B62

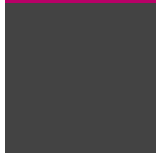


Tritanomaly
B61A40

Monochromacy



Original Color
B80067



Achromatopsia
434343



Achromatomaly
6E2B50

CSS Examples

Text

The CSS property to change the color of the text to Hex B80067 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 #B80067 looks like.

```
.text, #text, p{  
    color:#B80067  
}
```

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 #B80067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80067
}
```

Border

The CSS property to change the border of an element to Hex B80067 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".

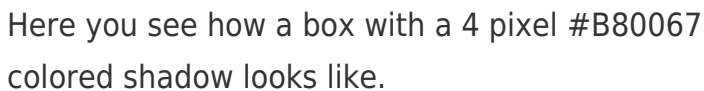
```
.border, #border, table{ border:4px solid
#B80067 }
```

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

```
.border{ border-color:#B80067 }
```

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

Here you see how a box with a 4 pixel #B80067 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80067; -webkit-box-shadow:4px 4px  
4px 4px #B80067; box-shadow:4px 4px 4px  
4px #B80067 }
```

Background

The CSS property to change the background color of an element to Hex B80067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80067 }
```

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

```
.background{ background-color:#B80067 }
```

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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