

Converting Colors

Hex(B80063)

Have a look what the booklet for
Hex(B80063) contains.

| | |
|--|----|
| Hex(B80063) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B80063)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B80063 |
| RGB | 184, 0, 99 |
| RGB Percent | 72%, 0%, 39% |
| CMY | 0.2784, 1.0000, 0.6118 |
| CMYK | 0.00, 1.00, 0.46, 0.28 |
| HSL | 328°, 100%, 36% |
| HSV | 328°, 100%, 72% |
| XYZ | 22.0193, 11.0912, 12.7846 |
| YIQ | 66.3020, 77.8850, 69.7970 |

Conversions

Conversions Part 2

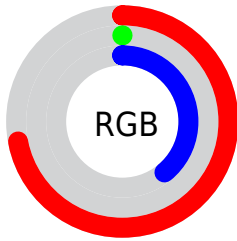
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 184, 0, 99 |
| Decimal | 12058723 |
| CIELab | 39.73, 66.85, -1.84 |
| CIELCh | 40, 66.879, 358.421 |
| Yxy | 11.0912, 0.4798, 0.2417 |
| Android (android.graphics.Color) | 4290248803 (0xFFB80063) |
| YUV | 66.3020, 16.1201, 103.2211 |
| Hunter-Lab | 33.3035, 59.7381, 0.5520 |

Details

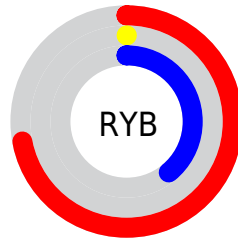
The Hex color **B80063** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00B855**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **F55396**, and **7C0035** is the 20% darker color. If you saturate the color by 10%, you get **B80063**, and if you desaturate by 10%, it is **B8126B**.

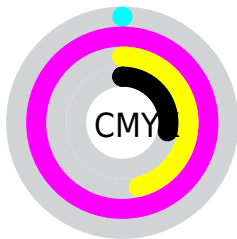
Distribution



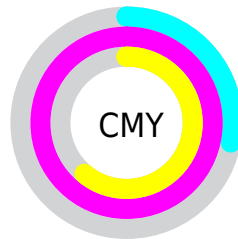
- Red (72%)
- Green (0%)
- Blue (39%)



- Red (72%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B80063 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 B80063 by changing the saturation by 10% instead.

 B80063

 B80063

FFFFFF

 9A004B

 F55396

 7C0035

 FF71B0

 5F0020

 FF8ECC

 450007

 FFAAE8

 240001

 FFC8FF

 000000

 FFE5FF

 B80063

 B8126B

 B82574

 B8377C

 B84A85

 B85C8D

 B86E96

 B8819E

 B893A7

 B8A6B0

Harmonies

Analogous

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



9A2E98



B80063



B61D2E

Triad

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



B80063



3F6900



0071BB

Complementary

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



B80063



00B855

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.



007491



B80063



00711E

Square

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



B80063



755B00



007459



0066CC

Rectangle

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



B80063



A83704



007459



0073AF

Sweetspot

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



B80063



F0A8CE



5300B8



784D64



F7F7F7



787878

Same Dimension

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



B80063



F00081



B80009



5C5358



9C0054



1C000F

Inverse Universe

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



B80063



F00081



00B8AF



5C5358



9C0054



1C000F

Previews

White Background



This preview shows how the Hex color B80063 looks on a white background.

Color Contrast Check

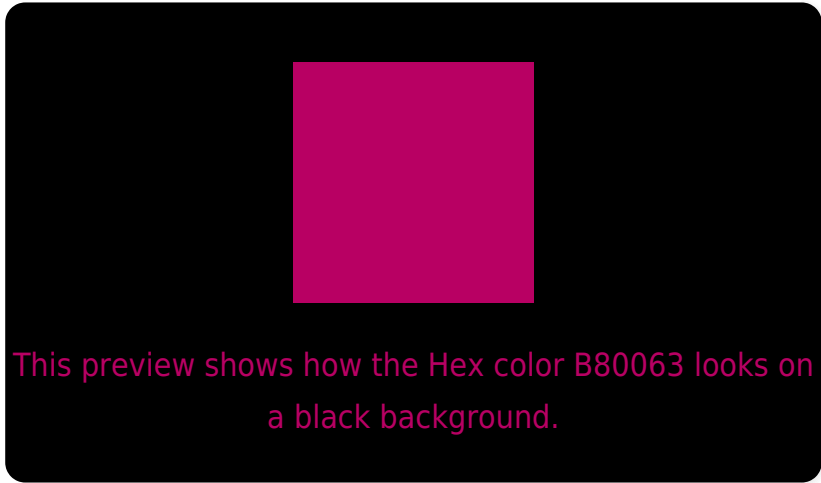
Large Text (above 18pt) WCAG AA ✓ Pass

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 B80063 Background



This preview shows how black text looks on a background with the Hex color B80063.

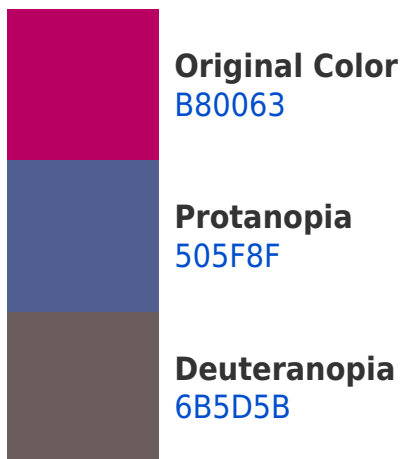


This preview shows how white text looks on a background with the Hex color B80063.

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
B80063



Protanomaly
763C7F



Deuteranomaly
873B5E

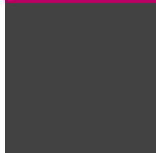


Tritanomaly
B6193D

Monochromacy



Original Color
B80063



Achromatopsia
424242



Achromatomaly
6D2A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex B80063 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 #B80063 looks like.

```
.text, #text, p{  
    color:#B80063  
}
```

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 #B80063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80063
}
```

Border

The CSS property to change the border of an element to Hex B80063 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".

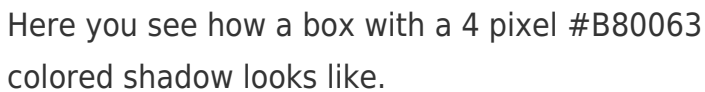
```
.border, #border, table{ border:4px solid
#B80063 }
```

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

```
.border{ border-color:#B80063 }
```

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

Here you see how a box with a 4 pixel #B80063 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80063; -webkit-box-shadow:4px 4px  
4px 4px #B80063; box-shadow:4px 4px 4px  
4px #B80063 }
```

Background

The CSS property to change the background color of an element to Hex B80063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80063 }
```

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

```
.background{ background-color:#B80063 }
```

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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