

Converting Colors

Hex(B80044)

Have a look what the booklet for
Hex(B80044) contains.

Hex(B80044)	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(B80044)

Conversions

Conversions Part 1

Format	Color
Hex	B80044
RGB	184, 0, 68
RGB Percent	72%, 0%, 27%
CMY	0.2784, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.63, 0.28
HSL	338°, 100%, 36%
HSV	338°, 100%, 72%
XYZ	20.8106, 10.6077, 6.4195
YIQ	62.7680, 87.8360, 60.1560

Conversions

Conversions Part 2

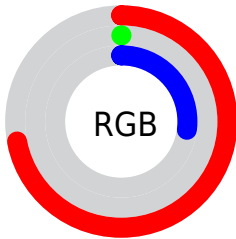
Format	Color
R_{YB}	184, 0, 68
Decimal	12058692
CIE _{Lab}	38.91, 64.67, 16.83
CIE _{LCh}	39, 66.826, 14.590
Yxy	10.6077, 0.5500, 0.2803
Android (android.graphics.Color)	4290248772 (0xFFB80044)
YUV	62.7680, 2.5794, 106.3205
Hunter-Lab	32.5695, 57.0576, 11.1125

Details

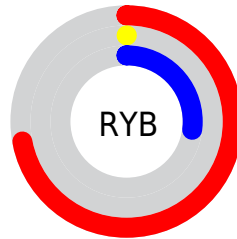
The Hex color **B80044** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B874**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F65274**, and **7B001A** is the 20% darker color. If you saturate the color by 10%, you get **B80044**, and if you desaturate by 10%, it is **B81250**.

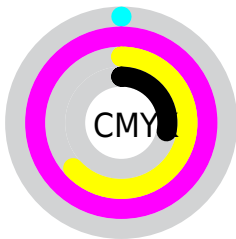
Distribution



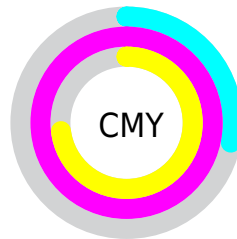
- Red (72%)
- Green (0%)
- Blue (27%)



- Red (72%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B80044 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 B80044 by changing the saturation by 10% instead.

 B80044

 B80044

FFFFFF

 99002E

 F65274

 7B001A

 FF6F8D

 5D0000

 FF8CA7

 410003

 FFA9C3

 1F0001

 FFC6DE

 000000

 FFE3FB

 B80044

 B81250

 B8255B

 B83767

 B84A72

 B85C7E

 B86E8A

 B88195

 B893A1

 B8A6AC

Harmonies

Analogous

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



AC127A



B80044



A9310C

Triad

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



B80044



006C00



006AC6

Complementary

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



B80044



00B874

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.



0071A8



B80044



00713D

Square

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



B80044



586100



007276



005AC6

Rectangle

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



B80044



944600



007276



006DBF

Sweetspot

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



B80044



F0A8C2



7100B8



784D5D



F7F7F7



787878

Same Dimension

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



B80044



F00059



B81500



5C5356



9C0039



1C000A

Inverse Universe

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



B80044



F00059



00A3B8



5C5356



9C0039



1C000A

Previews

White Background



This preview shows how the Hex color B80044 looks on a white background.

Color Contrast Check

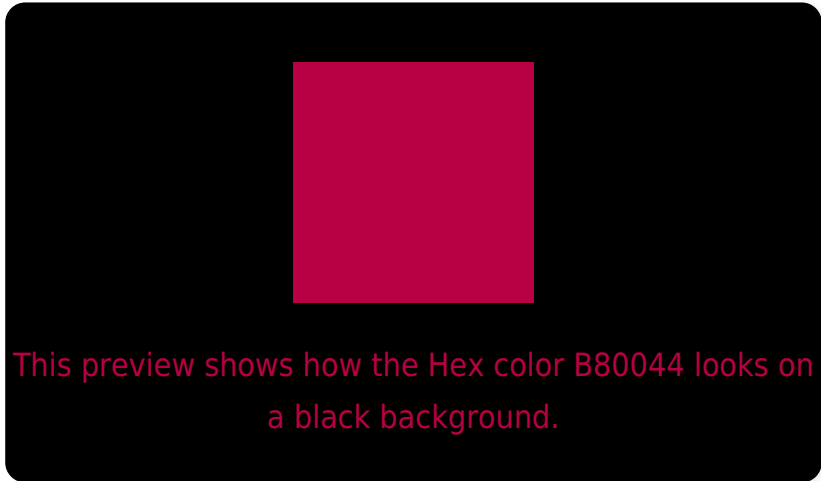
Large Text (above 18pt) WCAG AA ✓ Pass

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 B80044 Background



This preview shows how black text looks on a background with the Hex color B80044.



This preview shows how white text looks on a background with the Hex color B80044.

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



Original Color
B80044

Protanopia
5E5E64

Deuteranopia
725A3C



Tritanopia
B71B19

Trichromacy



Original Color
B80044



Protanomaly
7F3C58



Deuteranomaly
8B393F

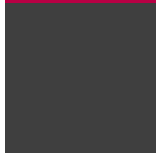


Tritanomaly
B71129

Monochromacy



Original Color
B80044



Achromatopsia
3F3F3F



Achromatomaly
6B2841

CSS Examples

Text

The CSS property to change the color of the text to Hex B80044 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 #B80044 looks like.

```
.text, #text, p{  
    color:#B80044  
}
```

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 #B80044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B80044
}
```

Border

The CSS property to change the border of an element to Hex B80044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

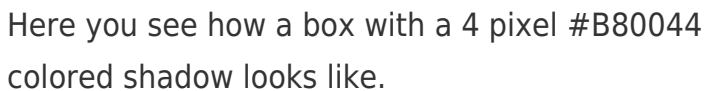
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B80044 }
```

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

```
.border{ border-color:#B80044 }
```

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



Here you see how a box with a 4 pixel #B80044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B80044; -webkit-box-shadow:4px 4px  
4px 4px #B80044; box-shadow:4px 4px 4px  
4px #B80044 }
```

Background

The CSS property to change the background color of an element to Hex B80044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B80044 }
```

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

```
.background{ background-color:#B80044 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor