

Converting Colors

Hex(B801AA)

Have a look what the booklet for
Hex(B801AA) contains.

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Color

Hex(B801AA)

Conversions

Conversions Part 1

Format	Color
Hex	B801AA
RGB	184, 1, 170
RGB Percent	72%, 0%, 67%
CMY	0.2784, 0.9961, 0.3333
CMYK	0.00, 0.99, 0.08, 0.28
HSL	305°, 99%, 36%
HSV	305°, 99%, 72%
XYZ	27.0337, 13.1143, 39.1367
YIQ	74.9830, 54.8190, 91.3550

Conversions

Conversions Part 2

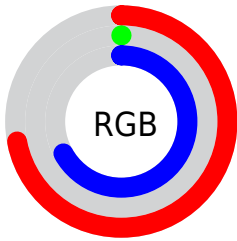
Format	Color
RYB	184, 1, 170
Decimal	12059050
CIELab	42.94, 74.79, -40.59
CIELCh	43, 85.095, 331.511
Yxy	13.1143, 0.3410, 0.1654
Android (android.graphics.Color)	4290249130 (0xFFB801AA)
YUV	74.9830, 46.8434, 95.6079
Hunter-Lab	36.2137, 69.8771, -38.7260

Details

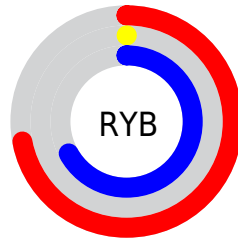
The Hex color **B801AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **01B80F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F457E2**, and **7E0075** is the 20% darker color. If you saturate the color by 10%, you get **B800AA**, and if you desaturate by 10%, it is **B813AB**.

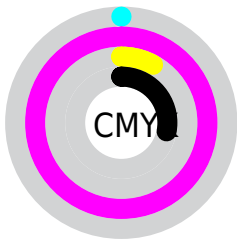
Distribution



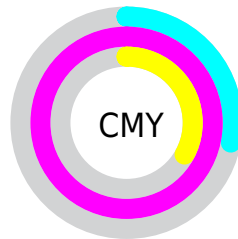
- Red (72%)
- Green (0%)
- Blue (67%)



- Red (72%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (8%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B801AA 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 B801AA by changing the saturation by 10% instead.

 B801AA

 B801AA

FFFFFF

 9B008F

 F457E2

 7E0075

 FF75FF

 62005C

 FF92FF

 470044

 FFB0FF

 2B002D

 FFCDFE

 000016

 FFE8FF

 000000

 B801AA

 B801AA

 B800AA

 B813AB

 B826AD

 B838AE

 B84BB0

 B85DB1

 B86FB2

 B882B4

 B894B5

 B8A7B7

Harmonies

Analogous

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



5750E0



B801AA



D90065

Triad

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



B801AA



796400



0081AE

Complementary

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



B801AA



01B80F

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.



008067



B801AA



2B7500

Square

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



B801AA



AF4400



007D17



007DE3

Rectangle

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



B801AA



D80038



007D17



008198

Sweetspot

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



B801AA



F0A8EA



0D01B8



784D75



F7F7F7



787878

Same Dimension

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



B801AA



F000DD



B80150



5C535B



9C0090



1C001A

Inverse Universe

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



B801AA



F000DD



01B869



5C535B



9C0090



1C001A

Previews

White Background



This preview shows how the Hex color B801AA looks on a white background.

Color Contrast Check

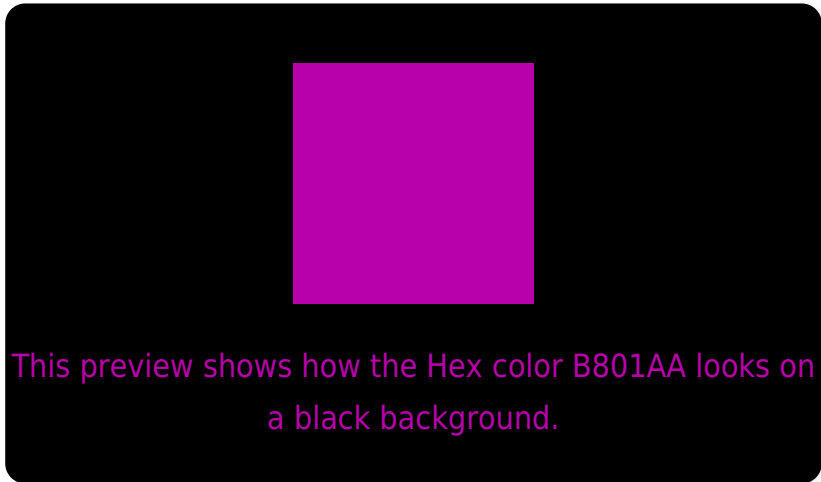
Large Text (above 18pt) WCAG AA ✓ Pass

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

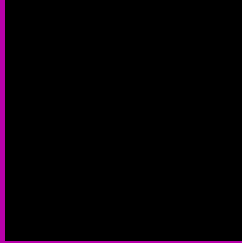
Any Text WCAG AA × Fail

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 B801AA Background



This preview shows how black text looks on a background with the Hex color B801AA.

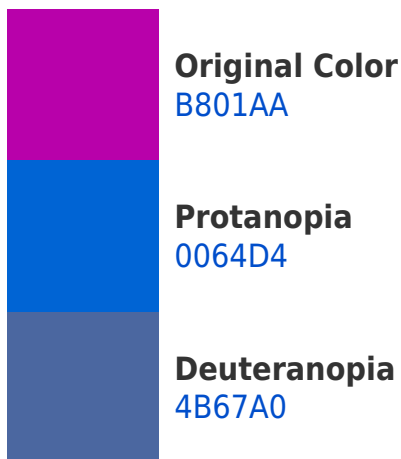


This preview shows how white text looks on a background with the Hex color B801AA.

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
B801AA



Protanomaly
4340C5



Deuteranomaly
7342A4



Tritanomaly
B22B6B

Monochromacy



Original Color
B801AA



Achromatopsia
4B4B4B



Achromatomaly
73306E

CSS Examples

Text

The CSS property to change the color of the text to Hex B801AA 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 #B801AA looks like.

```
.text, #text, p{  
    color:#B801AA  
}
```

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 #B801AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B801AA
}
```

Border

The CSS property to change the border of an element to Hex B801AA 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
#B801AA }
```

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

```
.border{ border-color:#B801AA }
```

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

Here you see how a box with a 4 pixel #B801AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B801AA; -webkit-box-shadow:4px 4px  
4px 4px #B801AA; box-shadow:4px 4px 4px  
4px #B801AA }
```

Background

The CSS property to change the background color of an element to Hex B801AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B801AA }
```

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

```
.background{ background-color:#B801AA }
```

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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