

Converting Colors

Hex(B017A8)

Have a look what the booklet for
Hex(B017A8) contains.

Hex(B017A8)	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(B017A8)

Conversions

Conversions Part 1

Format	Color
Hex	B017A8
RGB	176, 23, 168
RGB Percent	69%, 9%, 66%
CMY	0.3098, 0.9098, 0.3412
CMYK	0.00, 0.87, 0.05, 0.31
HSL	303°, 77%, 39%
HSV	303°, 87%, 69%
XYZ	25.2788, 12.6701, 38.1590
YIQ	85.2770, 44.6430, 77.5310

Conversions

Conversions Part 2

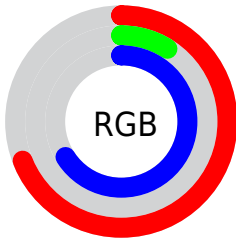
Format	Color
R_{YB}	176, 23, 168
Decimal	11540392
CIE _{Lab}	42.26, 70.42, -40.56
CIE _{LCh}	42, 81.261, 330.061
Yxy	12.6701, 0.3321, 0.1665
Android (android.graphics.Color)	4289730472 (0xFFB017A8)
YUV	85.2770, 40.7824, 79.5641
Hunter-Lab	35.5950, 64.4754, -38.6443

Details

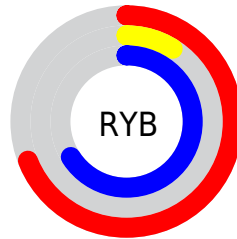
The Hex color **B017A8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17B01F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EB5CE0**, and **770073** is the 20% darker color. If you saturate the color by 10%, you get **B005A7**, and if you desaturate by 10%, it is **B029A9**.

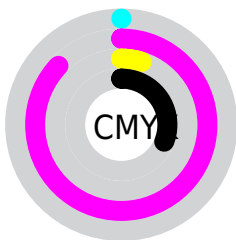
Distribution



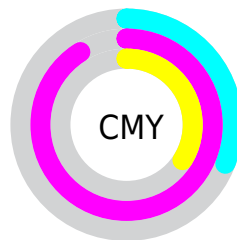
- Red (69%)
- Green (9%)
- Blue (66%)



- Red (69%)
- Yellow (9%)
- Blue (66%)



- Cyan (0%)
- Magenta (87%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (91%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B017A8 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 B017A8 by changing the saturation by 10% instead.

 B017A8

 B017A8

FFFFFF

 93008D

 EB5CE0

 770073

 FF79FD

 5B005A

 FF96FF

 410042

 FFB3FF

 25002B

 FFD0FF

 000115

 FFEEFF

 000000

 B017A8

 B017A8

 B005A7

 B029A9

 B000A7

 B03AAA

 B04CAB

 B05DAC

 B06FAD

 B081AE

 B092AE

 B0A4AF

 B0B5B0

Harmonies

Analogous

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



5051DA



B017A8



D20067

Triad

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



B017A8



7A6200



007EA6

Complementary

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



B017A8



17B01F

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.



007E62



B017A8



347200

Square

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



B017A8



AD4200



007A15



007BD9

Rectangle

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



B017A8



D2003B



007A15



007E90

Sweetspot

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



B017A8



E6AAE2



1F17B0



734F71



F2F2F2



737373

Same Dimension

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



B017A8



E600DA



B0175C



595059



990091



1A0018

Inverse Universe

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



B017A8



E600DA



17B06B



595059



990091



1A0018

Previews

White Background



This preview shows how the Hex color B017A8 looks on a white background.

Color Contrast Check

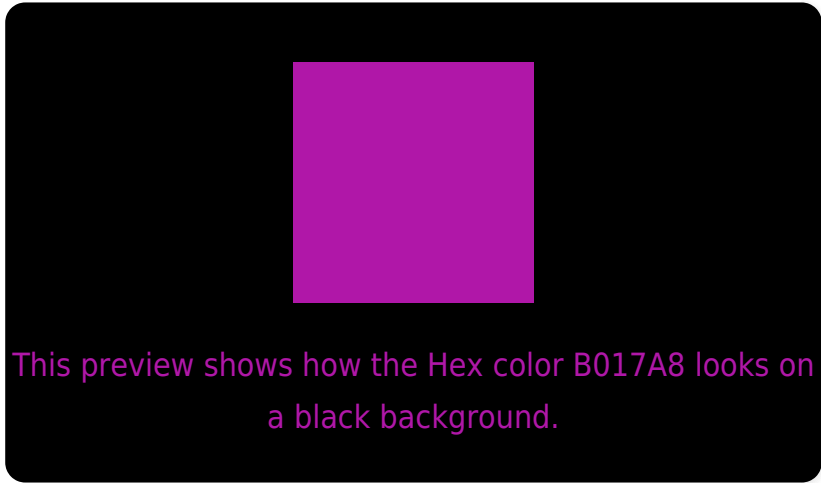
Large Text (above 18pt) WCAG AA ✓ Pass

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

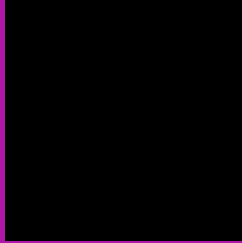
Any Text WCAG AA × Fail

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 B017A8 Background



This preview shows how black text looks on a background with the Hex color B017A8.



This preview shows how white text looks on a background with the Hex color B017A8.

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
A64449

Trichromacy



Original Color
B017A8



Protanomaly
4047C1



Deuteranomaly
6D49A2



Tritanomaly
AA346C

Monochromacy



Original Color
B017A8



Achromatopsia
555555



Achromatomaly
763E73

CSS Examples

Text

The CSS property to change the color of the text to Hex B017A8 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 #B017A8 looks like.

```
.text, #text, p{  
    color:#B017A8  
}
```

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 #B017A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B017A8
}
```

Border

The CSS property to change the border of an element to Hex B017A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

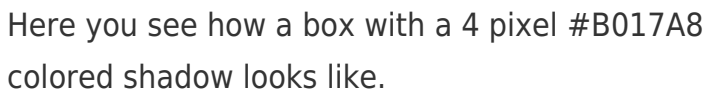
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B017A8 }
```

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

```
.border{ border-color:#B017A8 }
```

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



Here you see how a box with a 4 pixel `#B017A8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B017A8; -webkit-box-shadow:4px 4px  
4px 4px #B017A8; box-shadow:4px 4px 4px  
4px #B017A8 }
```

Background

The CSS property to change the background color of an element to Hex B017A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B017A8 }
```

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

```
.background{ background-color:#B017A8 }
```

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