

Converting Colors

Hex(B117AA)

Have a look what the booklet for
Hex(B117AA) contains.

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Color

Hex(B117AA)

Conversions

Conversions Part 1

Format	Color
Hex	B117AA
RGB	177, 23, 170
RGB Percent	69%, 9%, 67%
CMY	0.3059, 0.9098, 0.3333
CMYK	0.00, 0.87, 0.04, 0.31
HSL	303°, 77%, 39%
HSV	303°, 87%, 69%
XYZ	25.6936, 12.8622, 39.1587
YIQ	85.8040, 44.5970, 78.3650

Conversions

Conversions Part 2

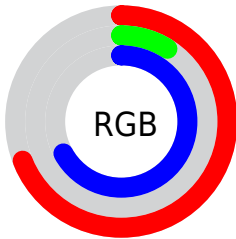
Format	Color
RYB	177, 23, 170
Decimal	11605930
CIELab	42.55, 70.90, -41.27
CIELCh	43, 82.040, 329.797
Yxy	12.8622, 0.3306, 0.1655
Android (android.graphics.Color)	4289796010 (0xFFB117AA)
YUV	85.8040, 41.5086, 79.9789
Hunter-Lab	35.8639, 65.1189, -39.6322

Details

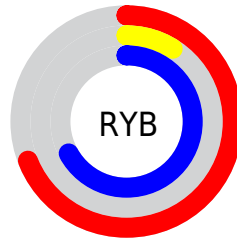
The Hex color **B117AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17B11E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EC5CE2**, and **780075** is the 20% darker color. If you saturate the color by 10%, you get **B105A9**, and if you desaturate by 10%, it is **B129AB**.

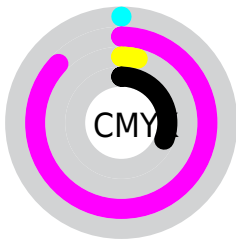
Distribution



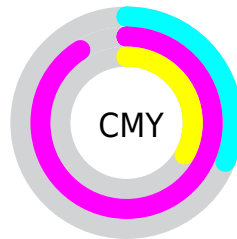
- Red (69%)
- Green (9%)
- Blue (67%)



- Red (69%)
- Yellow (9%)
- Blue (67%)



- Cyan (0%)
- Magenta (87%)
- Yellow (4%)
- Black (31%)



- Cyan (31%)
- Magenta (91%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B117AA 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 B117AA by changing the saturation by 10% instead.

 B117AA

 B117AA

FFFFFF

 94008F

 EC5CE2

 780075

 FF79FF

 5C005C


 FF96FF

 410044

 FFB3FF

 25002D

 FFD1FF

 000116

 FFEEFF

 000000

 B117AA

 B117AA

 B105A9

 B129AB

 B100A9

 B13AAC

 B14CAC

 B15EAD

 B170AE

 B181AF

 B193B0

 B1A5B0

 B1B6B1

Harmonies

Analogous

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



4E52DC



B117AA



D30068

Triad

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



B117AA



7C6200



007FA7

Complementary

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



B117AA



17B11E

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.



007F62



B117AA



357300

Square

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



B117AA



AE4200



007B14



007CDB

Rectangle

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



B117AA



D4003C



007B14



007F91

Sweetspot

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



B117AA



E6AAE3



1C17B1



734F71



F2F2F2



737373

Same Dimension

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



B117AA



E600DB



B1175F



595059



990092



1A0018

Inverse Universe

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



B117AA



E600DB



17B169



595059



990092



1A0018

Previews

White Background



This preview shows how the Hex color B117AA 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 B117AA Background



This preview shows how black text looks on a background with the Hex color B117AA.

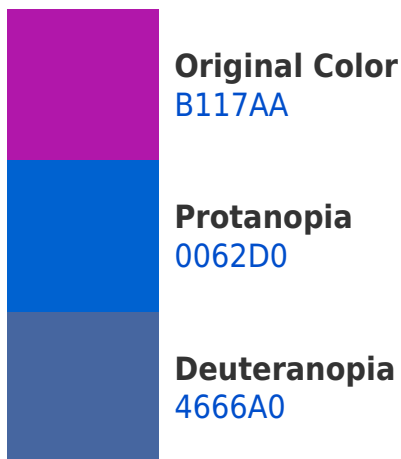



This preview shows how white text looks on a background with the Hex color B117AA.

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
A7454A

Trichromacy



Original Color
B117AA



Protanomaly
4047C2



Deuteranomaly
6D49A4



Tritanomaly
AB346D

Monochromacy



Original Color
B117AA



Achromatopsia
565656



Achromatomaly
773F75

CSS Examples

Text

The CSS property to change the color of the text to Hex B117AA 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 #B117AA looks like.

```
.text, #text, p{  
    color:#B117AA  
}
```

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 #B117AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B117AA
}
```

Border

The CSS property to change the border of an element to Hex B117AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

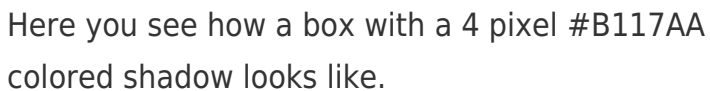
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B117AA }
```

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

```
.border{ border-color:#B117AA }
```

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



Here you see how a box with a 4 pixel #B117AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B117AA; -webkit-box-shadow:4px 4px  
4px 4px #B117AA; box-shadow:4px 4px 4px  
4px #B117AA }
```

Background

The CSS property to change the background color of an element to Hex B117AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B117AA }
```

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

```
.background{ background-color:#B117AA }
```

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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