

Converting Colors

Hex(B176AE)

Have a look what the booklet for
Hex(B176AE) contains.

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Color

Hex(B176AE)

Conversions

Conversions Part 1

Format	Color
Hex	B176AE
RGB	177, 118, 174
RGB Percent	69%, 46%, 68%
CMY	0.3059, 0.5373, 0.3176
CMYK	0.00, 0.33, 0.02, 0.31
HSL	303°, 27%, 58%
HSV	303°, 33%, 69%
XYZ	32.2499, 25.3600, 43.2396
YIQ	142.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

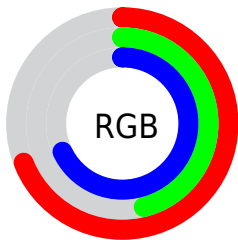
Format	Color
RYB	177, 118, 174
Decimal	11630254
CIELab	57.42, 32.25, -20.41
CIElCh	57, 38.170, 327.671
Yxy	25.3600, 0.3198, 0.2515
Android (android.graphics.Color)	4289820334 (0xFFB176AE)
YUV	142.0250, 15.7637, 30.6731
Hunter-Lab	50.3587, 26.1843, -15.6572

Details

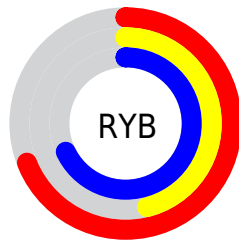
The Hex color **B176AE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76B179**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E9ABE6**, and **7B4479** is the 20% darker color. If you saturate the color by 10%, you get **B164AD**, and if you desaturate by 10%, it is **B188AF**.

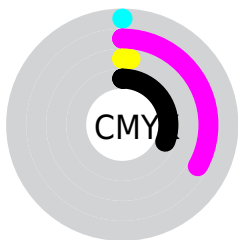
Distribution



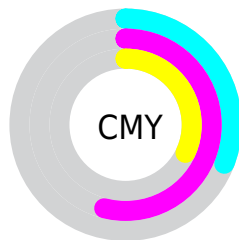
- Red (69%)
- Green (46%)
- Blue (68%)



- Red (69%)
- Yellow (46%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color B176AE 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 B176AE by changing the saturation by 10% instead.

 B176AE

 B176AE

FFFFFF

 965D93

 E9ABE6

 7B4479

 FFC7FF

 622C60

 FFE3FF

 491449

 310032

 1B001D

 000000

 B176AE

 B176AE

 B164AD

 B188AF

 B153AC

 B199B0

 B141AB

 B1ABB1

 B12FAA

 B1BDB2

 B11EAA

 B1CFB3

 B10CA9

 B1E0B3

 B100A8

 B1F2B4

 B1FFB5

 B1FFB6

Harmonies

Analogous

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



8982C5



B176AE



C66F8E

Triad

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



B176AE



A18746



009BA8

Complementary

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



B176AE



76B179

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.



189B86



B176AE



7F914D

Square

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



B176AE



BB7B52



579865



0096C1

Rectangle

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



B176AE



CA7077



579865



009B9D

Sweetspot

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



B176AE



E6CFE4



7976B1



736572



F2F2F2



737373

Same Dimension

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



B176AE



E68AE1



B17691



595059



990091



1A0018

Inverse Universe

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



B176AE



E68AE1



76B196



595059



990091



1A0018

Previews

White Background



This preview shows how the Hex color B176AE looks on a white background.

Color Contrast Check

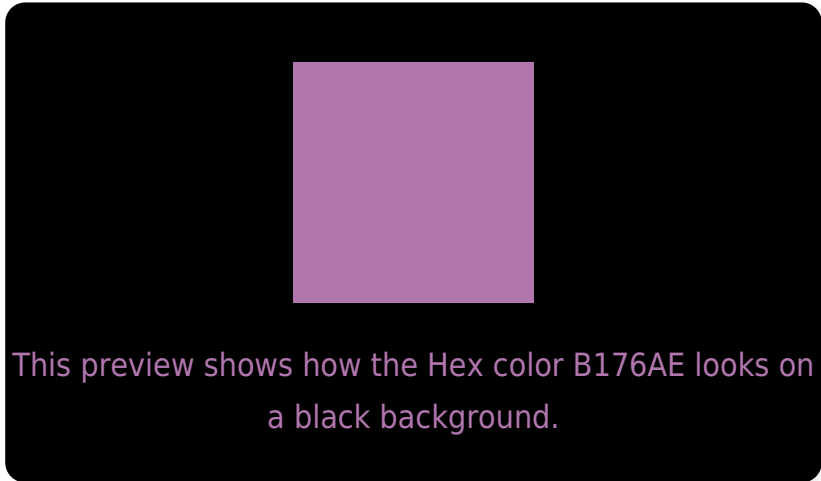
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

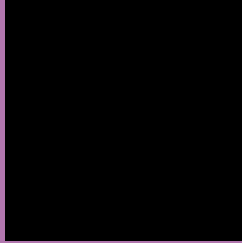
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B176AE Background



This preview shows how black text looks on a background with the Hex color B176AE.

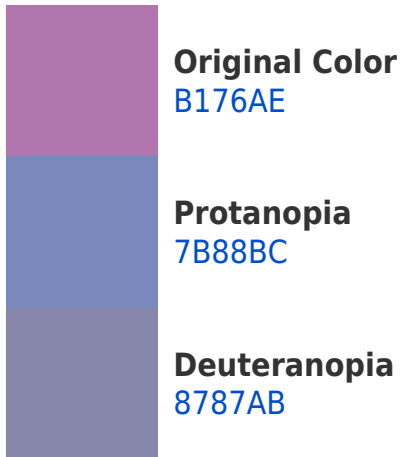


This preview shows how white text looks on a background with the Hex color B176AE.

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
AC7E87

Trichromacy



Original Color
B176AE



Protanomaly
8F81B7



Deuteranomaly
9681AC



Tritanomaly
AE7B95

Monochromacy



Original Color
B176AE



Achromatopsia
8E8E8E



Achromatomaly
9B859A

CSS Examples

Text

The CSS property to change the color of the text to Hex B176AE 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 #B176AE looks like.

```
.text, #text, p{  
  color:#B176AE  
}
```

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 #B176AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B176AE
}
```

Border

The CSS property to change the border of an element to Hex B176AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

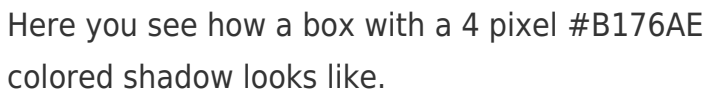
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B176AE }
```

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

```
.border{ border-color:#B176AE }
```

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



Here you see how a box with a 4 pixel #B176AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B176AE; -webkit-box-shadow:4px 4px  
4px 4px #B176AE; box-shadow:4px 4px 4px  
4px #B176AE }
```

Background

The CSS property to change the background color of an element to Hex B176AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B176AE }
```

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

```
.background{ background-color:#B176AE }
```

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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