

Converting Colors

Hex(B780A3)

Have a look what the booklet for
Hex(B780A3) contains.

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Color

Hex(B780A3)

Conversions

Conversions Part 1

Format	Color
Hex	B780A3
RGB	183, 128, 163
RGB Percent	72%, 50%, 64%
CMY	0.2824, 0.4980, 0.3608
CMYK	0.00, 0.30, 0.11, 0.28
HSL	322°, 28%, 61%
HSV	322°, 30%, 72%
XYZ	33.8585, 28.1500, 38.2993
YIQ	148.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

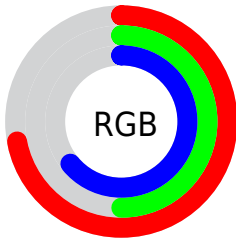
Format	Color
R_{YB}	183, 128, 163
Decimal	12026019
CIE _{Lab}	60.02, 26.75, -10.10
CIE _{LCh}	60, 28.598, 339.309
Yxy	28.1500, 0.3375, 0.2806
Android (android.graphics.Color)	4290216099 (0xFFB780A3)
YUV	148.4350, 7.1805, 30.3135
Hunter-Lab	53.0565, 21.0623, -5.6594

Details

The Hex color **B780A3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80B794**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F0B5DA**, and **814E6F** is the 20% darker color. If you saturate the color by 10%, you get **B76E9C**, and if you desaturate by 10%, it is **B792AA**.

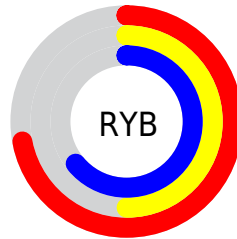
Distribution



Red (72%)

Green (50%)

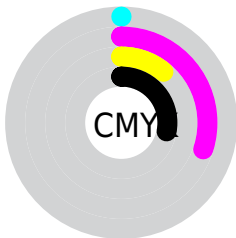
Blue (64%)



Red (72%)

Yellow (50%)

Blue (64%)

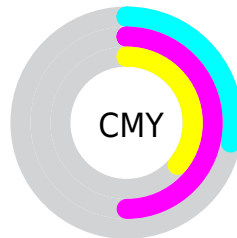


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B780A3 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 B780A3 by changing the saturation by 10% instead.

 B780A3

 B780A3

FFFFFF

 9C6789

 F0B5DA

 814E6F

 FFD1F6

 673657

 FFEEFF

 4E1F40

 36082A

 240016

 000000

 B780A3

 B780A3

 B76E9C

 B792AA

 B75B96

 B7A5B0

 B7498F

 B7B7B7

 B73788

 B7C9BE

 B72482

 B7DBC4

 B7127B

 B7EECB

 B70074

 B7FFD2

 B7FFD8

 B7FFDF

Harmonies

Analogous

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



9E87B8



B780A3



C27E8A

Triad

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



B780A3



9A925F



3C9DB0

Complementary

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



B780A3



80B794

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.



459E98



B780A3



7F9969

Square

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



B780A3



B18962



619D7E



5598BF

Rectangle

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



B780A3



C28079



619D7E



3B9EA8

Sweetspot

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



B780A3



EDD8E5



9380B7



786B73



F7F7F7



787878

Same Dimension

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



B780A3



ED98CE



B78088



5C5358



9C0063



1C0012

Inverse Universe

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



B780A3



ED98CE



80B7AF



5C5358



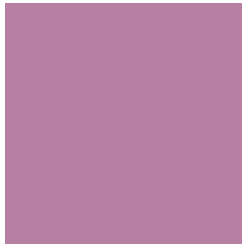
9C0063



1C0012

Previews

White Background



This preview shows how the Hex color B780A3 looks on a white background.

Color Contrast Check

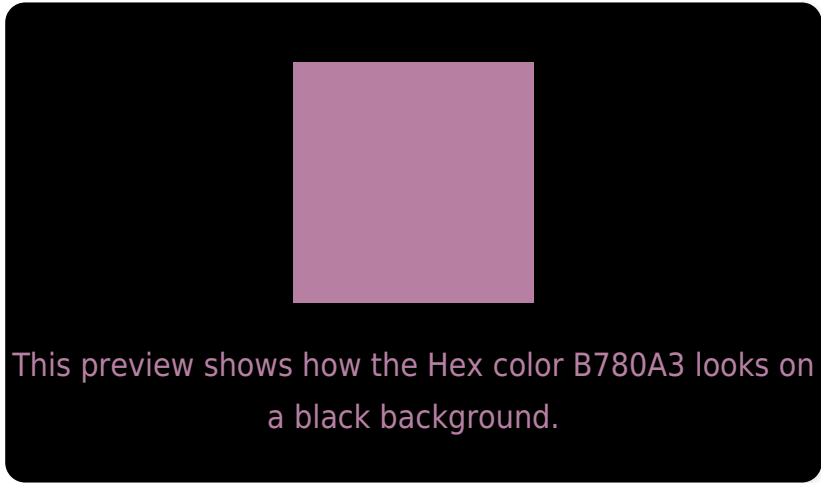
Large Text (above 18pt) WCAG AA ✓ Pass

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 B780A3 Background



This preview shows how black text looks on a background with the Hex color B780A3.

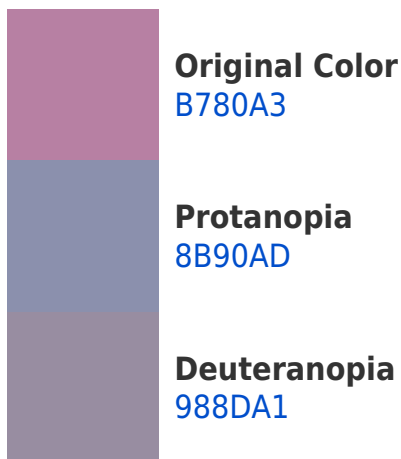


This preview shows how white text looks on a background with the Hex color B780A3.

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
B4848E

Trichromacy



Original Color
B780A3

Protanomaly
9B8AA9

Deuteranomaly
A388A2

Tritanomaly
B58396

Monochromacy



Original Color
B780A3

Achromatopsia
949494

Achromatomaly
A18D99

CSS Examples

Text

The CSS property to change the color of the text to Hex B780A3 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 #B780A3 looks like.

```
.text, #text, p{  
    color:#B780A3  
}
```

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 #B780A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B780A3
}
```

Border

The CSS property to change the border of an element to Hex B780A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

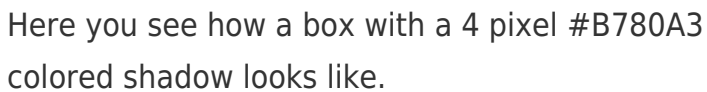
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B780A3 }
```

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

```
.border{ border-color:#B780A3 }
```

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



Here you see how a box with a 4 pixel #B780A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B780A3; -webkit-box-shadow:4px 4px  
4px 4px #B780A3; box-shadow:4px 4px 4px  
4px #B780A3 }
```

Background

The CSS property to change the background color of an element to Hex B780A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B780A3 }
```

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

```
.background{ background-color:#B780A3 }
```

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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