

Converting Colors

Hex(B796B1)

Have a look what the booklet for
Hex(B796B1) contains.

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Color

Hex(B796B1)

Conversions

Conversions Part 1

Format	Color
Hex	B796B1
RGB	183, 150, 177
RGB Percent	72%, 59%, 69%
CMY	0.2824, 0.4118, 0.3059
CMYK	0.00, 0.18, 0.03, 0.28
HSL	311°, 19%, 65%
HSV	311°, 18%, 72%
XYZ	38.3706, 35.0543, 46.3388
YIQ	162.9450, 11.0010, 15.3930

Conversions

Conversions Part 2

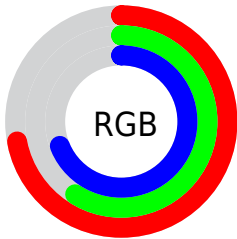
Format	Color
RYB	183, 150, 177
Decimal	12031665
CIELab	65.79, 16.99, -9.42
CIELCh	66, 19.425, 330.994
Yxy	35.0543, 0.3204, 0.2927
Android (android.graphics.Color)	4290221745 (0xFFB796B1)
YUV	162.9450, 6.9291, 17.5882
Hunter-Lab	59.2067, 12.0704, -4.9593

Details

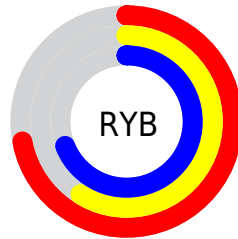
The Hex color **B796B1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **96B79C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EFCCE9**, and **82637C** is the 20% darker color. If you saturate the color by 10%, you get **B784AE**, and if you desaturate by 10%, it is **B7A8B4**.

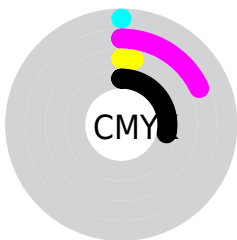
Distribution



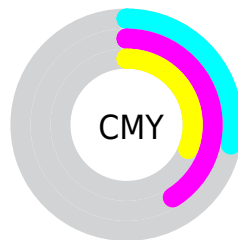
- Red (72%)
- Green (59%)
- Blue (69%)



- Red (72%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B796B1 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 B796B1 by changing the saturation by 10% instead.

 B796B1

 B796B1

FFFFFF

 9C7C96

 EFCCE9

 82637C

 FFE9FF

 684B63

 50344C

 391E35

 230820

 000005

 000000

 B796B1

 B796B1

 B784AE

 B7A8B4

 B771AA

 B7BBB8

 B75FA7

 B7CDBB

 B74DA4

 B7DFBE

 B73BA0

 B7F2C2

 B7289D

 B7FFC5

 B7169A

 B7FFC8

 B70496

 B7FFCC

 B70096

 B7FFCF

Harmonies

Analogous

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



A49BBE



B796B1



C294A0

Triad

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



B796B1



AD9F7D



70A9B1

Complementary

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



B796B1



96B79C

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.



76AAA0



B796B1



9AA482

Square

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



B796B1



BC9982



86A88E



78A6BE

Rectangle

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



B796B1



C49494



86A88E



70AAAC

Sweetspot

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



B796B1



EDE1EB



9B96B7



787177



F7F7F7



787878

Same Dimension

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



B796B1



EDB9E4



B796A1



5C535A



9C007F



1C0017

Inverse Universe

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



B796B1



EDB9E4



96B7AC



5C535A



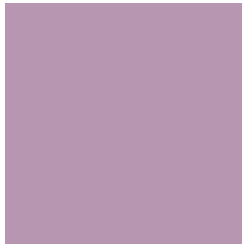
9C007F



1C0017

Previews

White Background



This preview shows how the Hex color B796B1 looks on a white background.

Color Contrast Check

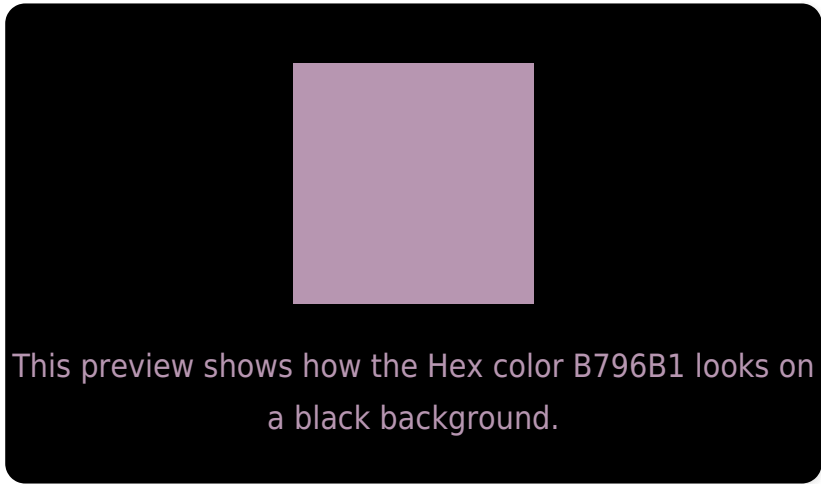
Large Text (above 18pt) WCAG AA × Fail

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

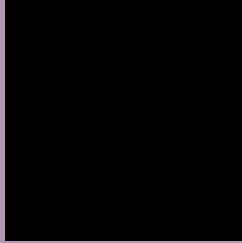
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B796B1 Background



This preview shows how black text looks on a background with the Hex color B796B1.



This preview shows how white text looks on a background with the Hex color B796B1.

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



Original Color
B796B1

Protanopia
9C9FB7

Deuteranopia
A89CB0



Tritanopia
B598A4

Trichromacy



Original Color
B796B1

Protanomaly
A69CB5

Deuteranomaly
AD9AB0

Tritanomaly
B697A9

Monochromacy



Original Color
B796B1

Achromatopsia
A3A3A3

Achromatomaly
AA9EA8

CSS Examples

Text

The CSS property to change the color of the text to Hex B796B1 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 #B796B1 looks like.

```
.text, #text, p{  
    color:#B796B1  
}
```

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 #B796B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B796B1
}
```

Border

The CSS property to change the border of an element to Hex B796B1 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
#B796B1 }
```

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

```
.border{ border-color:#B796B1 }
```

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

Here you see how a box with a 4 pixel #B796B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B796B1; -webkit-box-shadow:4px 4px  
4px 4px #B796B1; box-shadow:4px 4px 4px  
4px #B796B1 }
```

Background

The CSS property to change the background color of an element to Hex B796B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B796B1 }
```

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

```
.background{ background-color:#B796B1 }
```

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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