

Converting Colors

Hex(B789B7)

Have a look what the booklet for
Hex(B789B7) contains.

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Color

Hex(B789B7)

Conversions

Conversions Part 1

Format	Color
Hex	B789B7
RGB	183, 137, 183
RGB Percent	72%, 54%, 72%
CMY	0.2824, 0.4627, 0.2824
CMYK	0.00, 0.25, 0.00, 0.28
HSL	300°, 24%, 63%
HSV	300°, 25%, 72%
XYZ	37.0213, 31.3775, 48.9050
YIQ	155.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

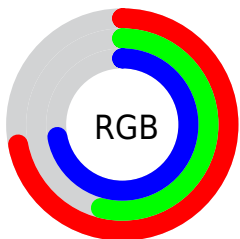
Format	Color
R_{YB}	183, 137, 183
Decimal	12028343
CIE _{Lab}	62.83, 25.39, -17.26
CIE _{LCh}	63, 30.701, 325.792
Yxy	31.3775, 0.3156, 0.2675
Android (android.graphics.Color)	4290218423 (0xFFB789B7)
YUV	155.9980, 13.3120, 23.6808
Hunter-Lab	56.0156, 19.9453, -12.5528

Details

The Hex color **B789B7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89B789**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EFBFEF**, and **815682** is the 20% darker color. If you saturate the color by 10%, you get **B777B7**, and if you desaturate by 10%, it is **B79BB7**.

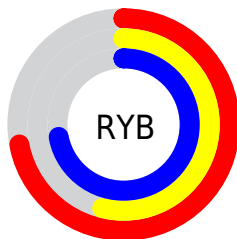
Distribution



Red (72%)

Green (54%)

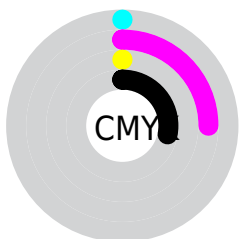
Blue (72%)



Red (72%)

Yellow (54%)

Blue (72%)

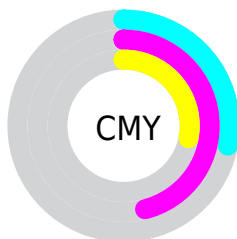


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (28%)



Cyan (28%)

Magenta (46%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B789B7 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 B789B7 by changing the saturation by 10% instead.

 B789B7

 B789B7

FFFFFF

 9C6F9C

 EFBFEF

 815682

 FFDBFF

 683F69

 FFF7FF

 4F2851

 371139

 230024

 00000C

 000000

 B789B7

 B789B7

 B777B7

 B79BB7

 B764B7

 B7AEB7

 B752B7

 B7C0B7

 B740B7

 B7D2B7

 B72DB7

 B7E4B7

 B71BB7

 B7F7B7

 B709B7

 B7FFB7

 B700B7

Harmonies

Analogous

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



9692C9



B789B7



CA849D

Triad

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



B789B7



AE9562



39A6AF

Complementary

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



B789B7



89B789

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.



52A793



B789B7



929E66

Square

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



B789B7



C38C6C



73A478



45A3C4

Rectangle

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



B789B7



CE848A



73A478



3FA7A6

Sweetspot

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



B789B7



EDDAED



8989B7



786C78



F7F7F7



787878

Same Dimension

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



B789B7



EDA6ED



B789A0



5C535C



9C009C



1C001C

Inverse Universe

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



B789B7



EDA6ED



89B7A0



5C535C



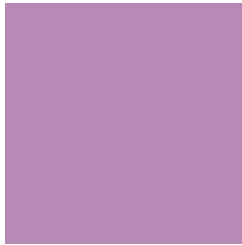
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color B789B7 looks on a white background.

Color Contrast Check

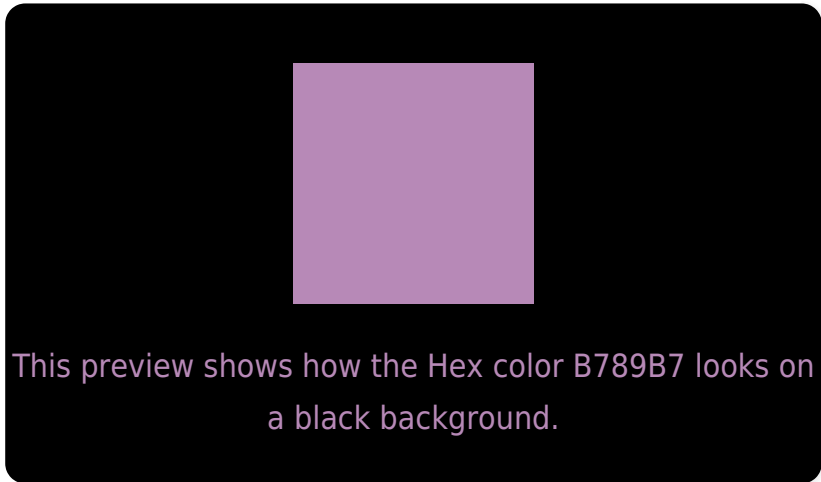
Large Text (above 18pt) WCAG AA × Fail

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

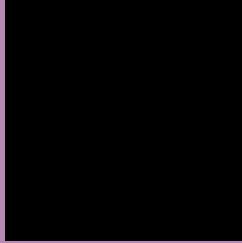
Any Text WCAG AA ✓ Pass

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 B789B7 Background



This preview shows how black text looks on a background with the Hex color B789B7.

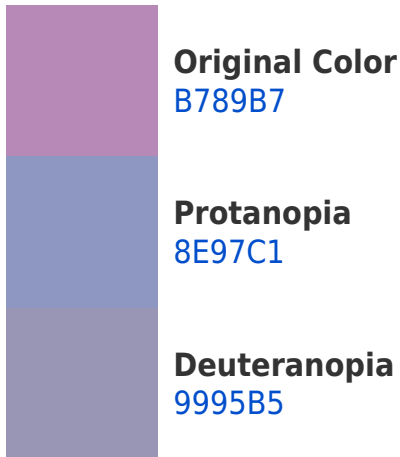


This preview shows how white text looks on a background with the Hex color B789B7.

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](#).

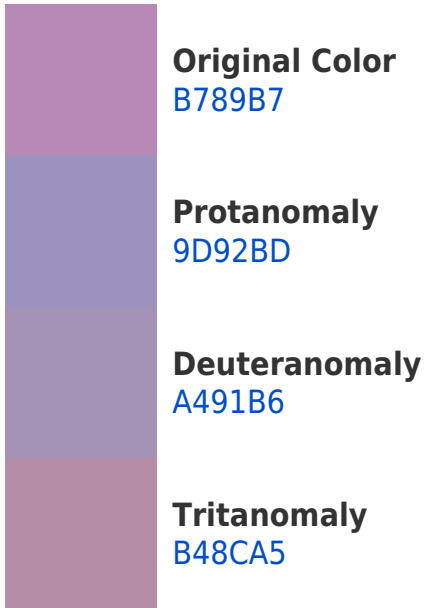
Dichromacy



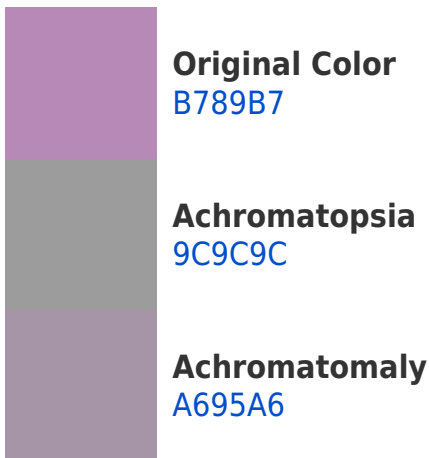


Tritanopia
B38E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B789B7 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 #B789B7 looks like.

```
.text, #text, p{  
    color:#B789B7  
}
```

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 #B789B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B789B7
}
```

Border

The CSS property to change the border of an element to Hex B789B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

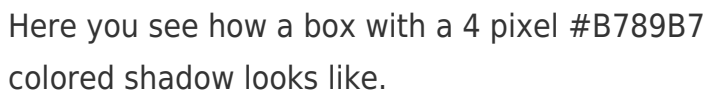
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B789B7 }
```

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

```
.border{ border-color:#B789B7 }
```

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



Here you see how a box with a 4 pixel #B789B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B789B7; -webkit-box-shadow:4px 4px  
4px 4px #B789B7; box-shadow:4px 4px 4px  
4px #B789B7 }
```

Background

The CSS property to change the background color of an element to Hex B789B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B789B7 }
```

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

```
.background{ background-color:#B789B7 }
```

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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