

Converting Colors

Hex(B287B1)

Have a look what the booklet for
Hex(B287B1) contains.

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Color

Hex(B287B1)

Conversions

Conversions Part 1

Format	Color
Hex	B287B1
RGB	178, 135, 177
RGB Percent	70%, 53%, 69%
CMY	0.3020, 0.4706, 0.3059
CMYK	0.00, 0.24, 0.01, 0.30
HSL	301°, 22%, 61%
HSV	301°, 24%, 70%
XYZ	34.9599, 29.9672, 45.5366
YIQ	152.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

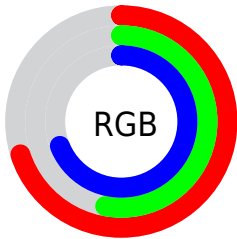
Format	Color
RYB	178, 135, 177
Decimal	11700145
CIELab	61.63, 23.65, -15.73
CIELCh	62, 28.403, 326.377
Yxy	29.9672, 0.3165, 0.2713
Android (android.graphics.Color)	4289890225 (0xFFB287B1)
YUV	152.6450, 12.0070, 22.2363
Hunter-Lab	54.7423, 18.1956, -10.9999

Details

The Hex color **B287B1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87B288**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EABDE9**, and **7D557C** is the 20% darker color. If you saturate the color by 10%, you get **B275B1**, and if you desaturate by 10%, it is **B299B1**.

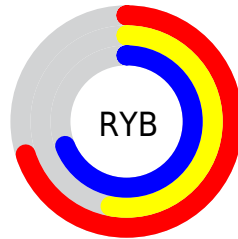
Distribution



Red (70%)

Green (53%)

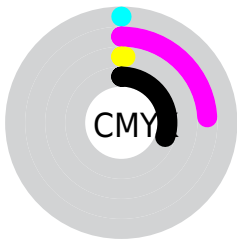
Blue (69%)



Red (70%)

Yellow (53%)

Blue (69%)

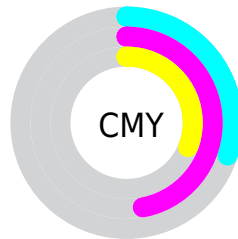


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B287B1 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 B287B1 by changing the saturation by 10% instead.



B287B1



B287B1

FFFFFF



976D96



EABDE9



7D557C



FFD9FF



633D63



FFF5FF



4B264B



331035



210020



000003



000000



B287B1



B287B1

 B275B1

 B299B1

 B263B0

 B2ABB2

 B252B0

 B2BCB2

 B240AF

 B2CEB3

 B22EAF

 B2E0B3

 B21CAF

 B2F2B3

 B20AAE

 B2FFB4

 B200AE

 B2FFB5

Harmonies

Analogous

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



948FC2



B287B1



C38299

Triad

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



B287B1



A99263



42A2AA

Complementary

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



B287B1



87B288

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.



55A291



B287B1



8F9A67

Square

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



B287B1



BD8A6C



72A078



4C9FBE

Rectangle

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



B287B1



C78288



72A078



46A3A2

Sweetspot

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



B287B1



E8D8E8



8887B2



756C75



F5F5F5



757575

Same Dimension

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



B287B1



E8A5E6



B2879C



595059



990095



1A0019

Inverse Universe

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



B287B1



E8A5E6



87B29D



595059



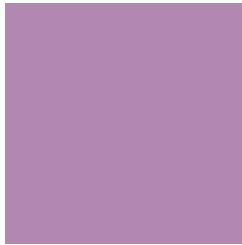
990095



1A0019

Previews

White Background



This preview shows how the Hex color B287B1 looks on a white background.

Color Contrast Check

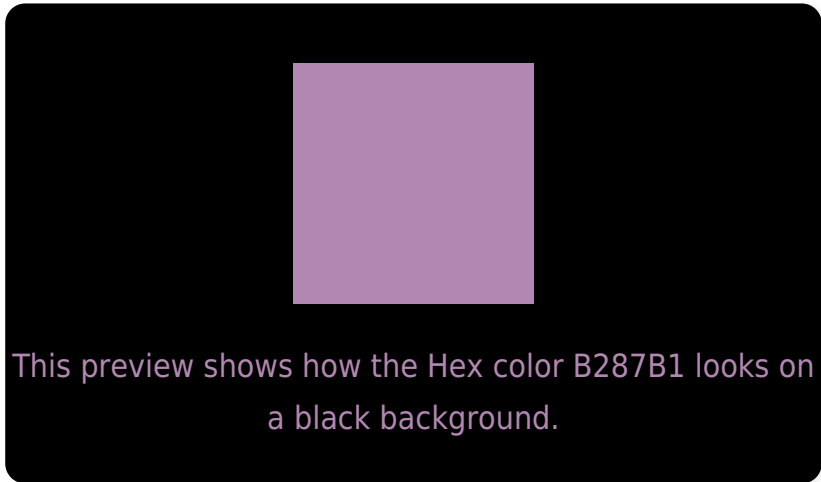
Large Text (above 18pt) WCAG AA ✓ Pass

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

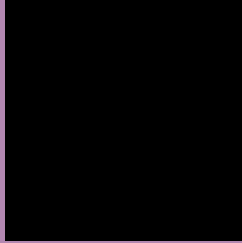
Any Text WCAG AA ✓ Pass

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 B287B1 Background



This preview shows how black text looks on a background with the Hex color B287B1.

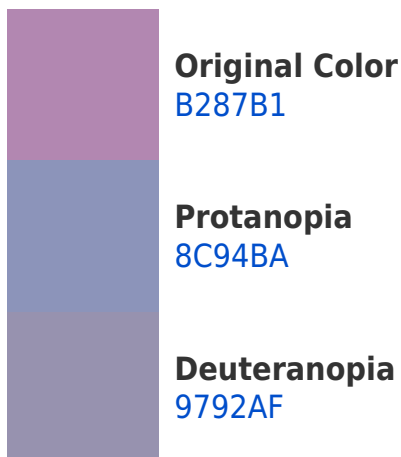


This preview shows how white text looks on a background with the Hex color B287B1.

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](#).

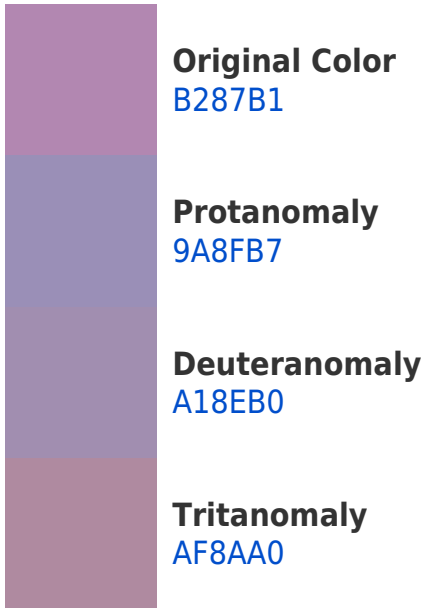
Dichromacy



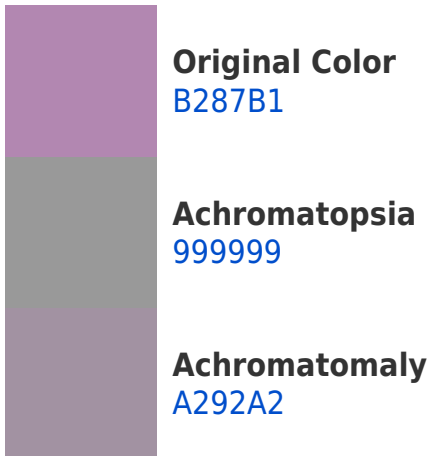


Tritanopia
AE8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B287B1 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 #B287B1 looks like.

```
.text, #text, p{  
    color:#B287B1  
}
```

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 #B287B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B287B1
}
```

Border

The CSS property to change the border of an element to Hex B287B1 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
#B287B1 }
```

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

```
.border{ border-color:#B287B1 }
```

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

Here you see how a box with a 4 pixel #B287B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B287B1; -webkit-box-shadow:4px 4px  
4px 4px #B287B1; box-shadow:4px 4px 4px  
4px #B287B1 }
```

Background

The CSS property to change the background color of an element to Hex B287B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B287B1 }
```

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

```
.background{ background-color:#B287B1 }
```

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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