

Converting Colors

Hex(B17CEB)

Have a look what the booklet for
Hex(B17CEB) contains.

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Color

Hex(B17CEB)

Conversions

Conversions Part 1

Format	Color
Hex	B17CEB
RGB	177, 124, 235
RGB Percent	69%, 49%, 92%
CMY	0.3059, 0.5137, 0.0784
CMYK	0.25, 0.47, 0.00, 0.08
HSL	269°, 74%, 70%
HSV	269°, 47%, 92%
XYZ	40.3345, 29.7606, 82.2158
YIQ	152.5010, -4.0430, 45.7570

Conversions

Conversions Part 2

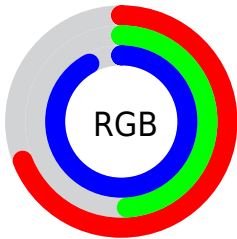
Format	Color
RYB	177, 124, 235
Decimal	11631851
CIELab	61.45, 41.91, -48.59
CIElCh	61, 64.170, 310.779
Yxy	29.7606, 0.2648, 0.1954
Android (android.graphics.Color)	4289821931 (0xFFB17CEB)
YUV	152.5010, 40.6720, 21.4856
Hunter-Lab	54.5533, 36.5076, -51.1671

Details

The Hex color **B17CEB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B6EB7C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EBB2FF**, and **7A49B3** is the 20% darker color. If you saturate the color by 10%, you get **A565EB**, and if you desaturate by 10%, it is **BD93EB**.

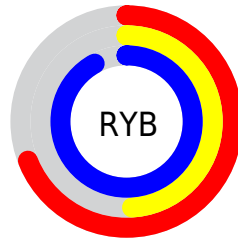
Distribution



Red (69%)

Green (49%)

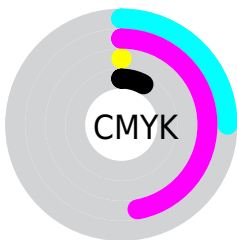
Blue (92%)



Red (69%)

Yellow (49%)

Blue (92%)

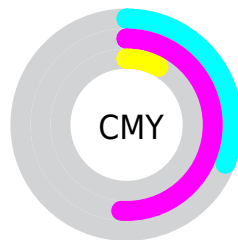


Cyan (25%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B17CEB 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 B17CEB by changing the saturation by 10% instead.

 B17CEB

 B17CEB

FFFFFF

 9562CE

 EBB2FF

 7A49B3

 FFCEFF

 5E3197

 FFEAFF

 44187D

 280063

 0D004B

 000033

 00021D

 000000

 B17CEB

 B17CEB

 A565EB

 BD93EB

 984DEB

 CAABEB

 8C36EB

 D6C3EB

 801EEB

 E2DAEB

 7406EB

 EEF2EB

 7000EB

 FBFFEB

 FFFFEB

Harmonies

Analogous

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



3D94FF



B17CEB



E864BB

Triad

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



B17CEB



CE841F



00AFA8

Complementary

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



B17CEB



B6EB7C

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.



00AD6D



B17CEB



9E980C

Square

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



B17CEB



F06C4D



5FA537



00ADDD

Rectangle

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



B17CEB



F85C95



5FA537



00AF94

Sweetspot

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



B17CEB



ECDBFF



7CB7EB



746A80



000000



808080

Same Dimension

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



B17CEB



B36EFF



E77CEB



6F6A75



5600B5



1A0036

Inverse Universe

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



EB7CB6



FF6EBA



80EB7C



756A70



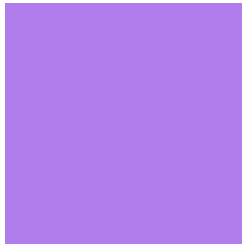
B5005F



36001C

Previews

White Background



This preview shows how the Hex color B17CEB looks on a white background.

Color Contrast Check

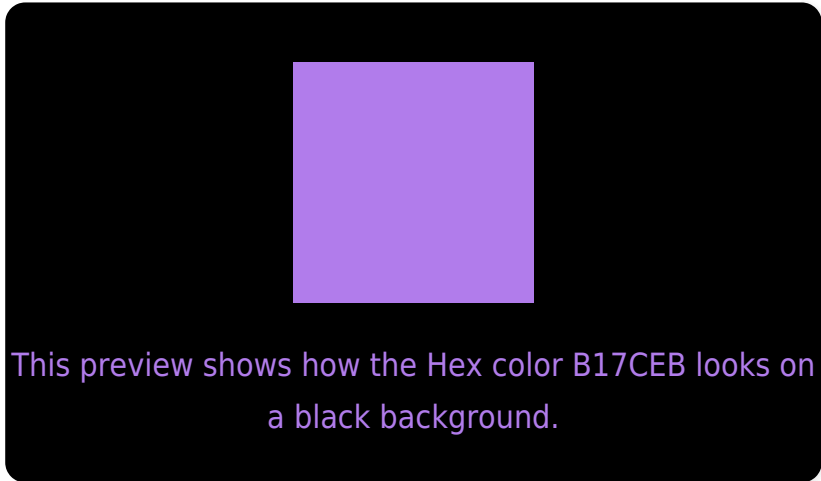
Large Text (above 18pt) WCAG AA ✓ Pass

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

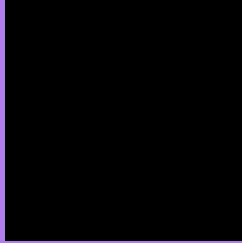
Any Text WCAG AA ✓ Pass

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 B17CEB Background



This preview shows how black text looks on a background with the Hex color B17CEB.

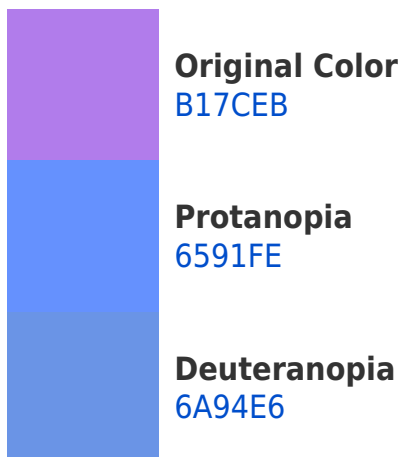


This preview shows how white text looks on a background with the Hex color B17CEB.

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](#).

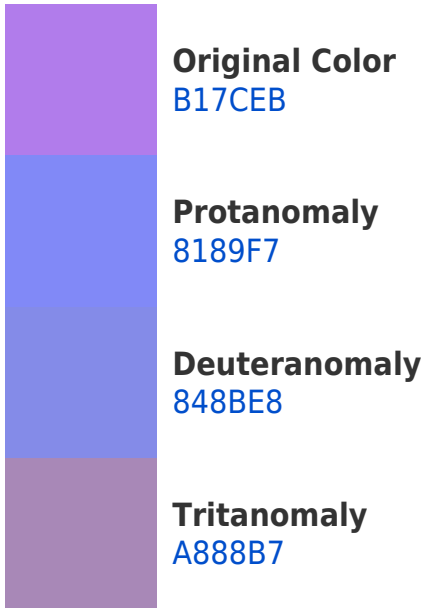
Dichromacy



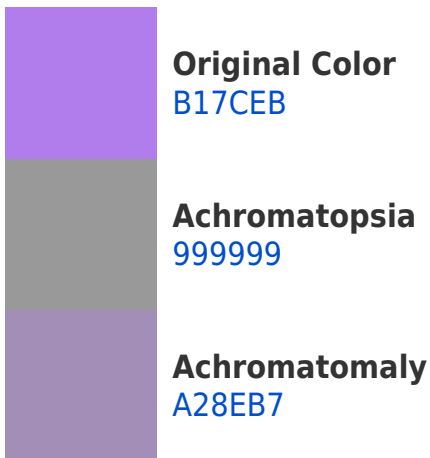


Tritanopia
A38F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B17CEB 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 #B17CEB looks like.

```
.text, #text, p{  
    color:#B17CEB  
}
```

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 #B17CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17CEB
}
```

Border

The CSS property to change the border of an element to Hex B17CEB 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
#B17CEB }
```

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

```
.border{ border-color:#B17CEB }
```

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

Here you see how a box with a 4 pixel #B17CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17CEB; -webkit-box-shadow:4px 4px  
4px 4px #B17CEB; box-shadow:4px 4px 4px  
4px #B17CEB }
```

Background

The CSS property to change the background color of an element to Hex B17CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17CEB }
```

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

```
.background{ background-color:#B17CEB }
```

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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