

Converting Colors

Hex(B28AEB)

Have a look what the booklet for
Hex(B28AEB) contains.

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Color

Hex(**B28AEB**)

Conversions

Conversions Part 1

Format	Color
Hex	B28AEB
RGB	178, 138, 235
RGB Percent	70%, 54%, 92%
CMY	0.3020, 0.4588, 0.0784
CMYK	0.24, 0.41, 0.00, 0.08
HSL	265°, 71%, 73%
HSV	265°, 41%, 92%
XYZ	42.4440, 33.6401, 82.8534
YIQ	161.0180, -7.2970, 38.6470

Conversions

Conversions Part 2

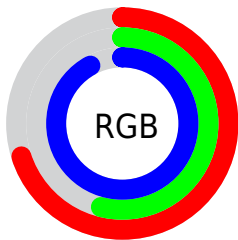
Format	Color
RYB	178, 138, 235
Decimal	11700971
CIELab	64.68, 34.43, -43.49
CIELCh	65, 55.476, 308.368
Yxy	33.6401, 0.2670, 0.2117
Android (android.graphics.Color)	4289891051 (0xFFB28AEB)
YUV	161.0180, 36.4731, 14.8932
Hunter-Lab	58.0001, 29.1247, -44.0960

Details

The Hex color **B28AEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3EB8A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EBC0FF**, and **7B57B3** is the 20% darker color. If you saturate the color by 10%, you get **A473EB**, and if you desaturate by 10%, it is **C0A2EB**.

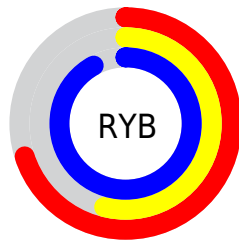
Distribution



Red (70%)

Green (54%)

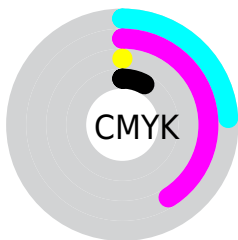
Blue (92%)



Red (70%)

Yellow (54%)

Blue (92%)

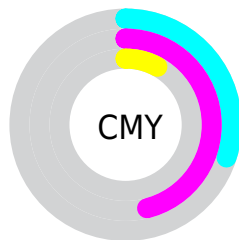


Cyan (24%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28AEB 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 B28AEB by changing the saturation by 10% instead.

 B28AEB

 B28AEB

FFFFFF

 9670CF

 EBC0FF

 7B57B3

 FFDCFF

 603F98

 FFF9FF

 46287D

 2C1164

 0F004B

 000034

 00021E

 000000

 B28AEB

 B28AEB

 A473EB

 C0A2EB

 965BEB

 CEB9EB

 8944EB

 DBD1EB

 7B2CEB

 E9E8EB

 6D15EB

 F7FFEB

 6100EB

 FFFFEB

Harmonies

Analogous

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



589EFF



B28AEB



E477C3

Triad

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



B28AEB



D58D3F



00B5AA

Complementary

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



B28AEB



C3EB8A

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.



19B376



B28AEB



AB9F34

Square

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



B28AEB



F17A62



76AB4B



00B3D9

Rectangle

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



B28AEB



F571A2



76AB4B



00B598

Sweetspot

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



B28AEB



EDE0FF



8AC4EB



756E80



000000



808080

Same Dimension

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



B28AEB



B480FF



E18AEB



6E6A75



4B00B5



160036

Inverse Universe

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



EB8AC3



FF80CA



94EB8A



756A70



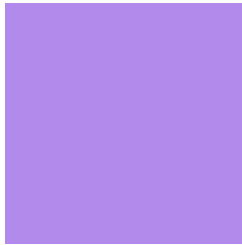
B5006A



36001F

Previews

White Background



This preview shows how the Hex color B28AEB looks on a white background.

Color Contrast Check

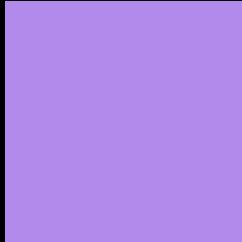
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B28AEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

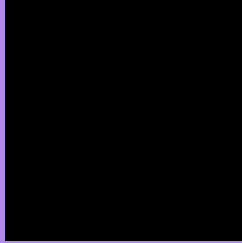
Any Text WCAG AA ✓ Pass

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 B28AEB Background



This preview shows how black text looks on a background with the Hex color B28AEB.

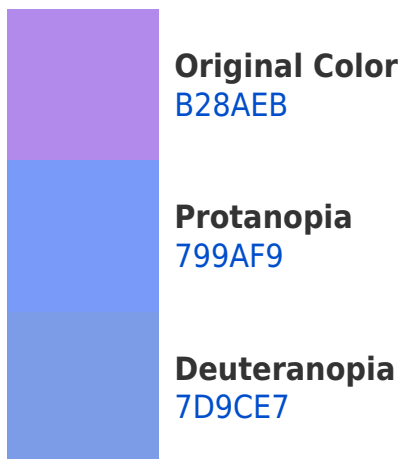


This preview shows how white text looks on a background with the Hex color B28AEB.

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](#).

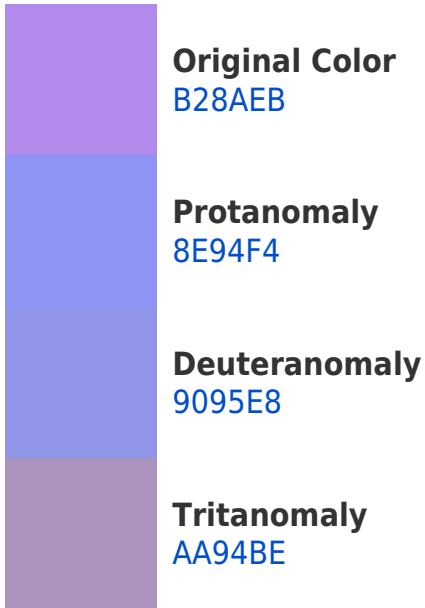
Dichromacy



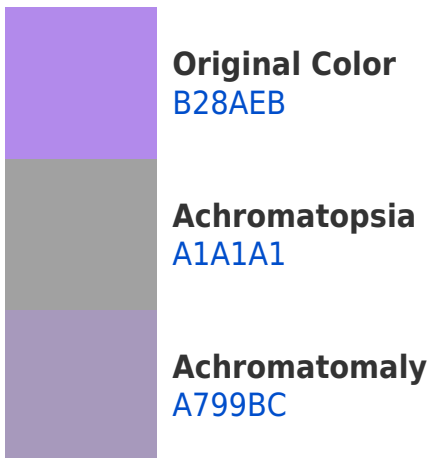


Tritanopia
A599A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B28AEB 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 #B28AEB looks like.

```
.text, #text, p{  
    color:#B28AEB  
}
```

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 #B28AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28AEB
}
```

Border

The CSS property to change the border of an element to Hex B28AEB 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
#B28AEB }
```

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

```
.border{ border-color:#B28AEB }
```

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

Here you see how a box with a 4 pixel #B28AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28AEB; -webkit-box-shadow:4px 4px  
4px 4px #B28AEB; box-shadow:4px 4px 4px  
4px #B28AEB }
```

Background

The CSS property to change the background color of an element to Hex B28AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28AEB }
```

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

```
.background{ background-color:#B28AEB }
```

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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