

Converting Colors

Hex(B28EB8)

Have a look what the booklet for
Hex(B28EB8) contains.

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Color

Hex(B28EB8)

Conversions

Conversions Part 1

Format	Color
Hex	B28EB8
RGB	178, 142, 184
RGB Percent	70%, 56%, 72%
CMY	0.3020, 0.4431, 0.2784
CMYK	0.03, 0.23, 0.00, 0.28
HSL	291°, 23%, 64%
HSV	291°, 23%, 72%
XYZ	36.6848, 32.2717, 49.6430
YIQ	157.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

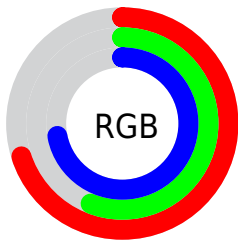
Format	Color
R _Y B	178, 142, 184
Decimal	11701944
CIE Lab	63.57, 21.08, -16.75
CIE LCh	64, 26.925, 321.537
Yxy	32.2717, 0.3093, 0.2721
Android (android.graphics.Color)	4289892024 (0xFFB28EB8)
YUV	157.5520, 13.0389, 17.9329
Hunter-Lab	56.8082, 15.8551, -12.0460

Details

The Hex color **B28EB8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **94B88E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EAC4F0**, and **7D5B83** is the 20% darker color. If you saturate the color by 10%, you get **AF7CB8**, and if you desaturate by 10%, it is **B5A0B8**.

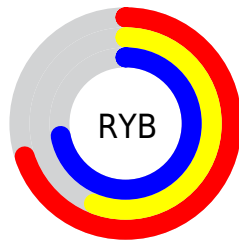
Distribution



Red (70%)

Green (56%)

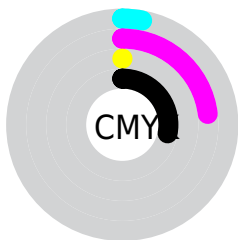
Blue (72%)



Red (70%)

Yellow (56%)

Blue (72%)

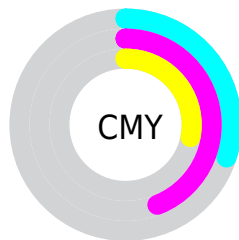


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28EB8 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 B28EB8 by changing the saturation by 10% instead.

 B28EB8

 B28EB8

FFFFFF

 97749D

 EAC4F0

 7D5B83

 FFE0FF

 64446A

 FFFDFD

 4B2D51

 34173A

 1F0025

 00010D

 000000

 B28EB8

 B28EB8

 AF7CB8

 B5A0B8

 AD69B8

 B7B3B8

 AA57B8

 BAC5B8

 A744B8

 BDD8B8

 A532B8

 BFEAB8

 A220B8

 C2FCB8

 A00DB8

 C4FFB8

 9E00B8

 C7FFB8

 CAFFB8

Harmonies

Analogous

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



9496C6



B28EB8



C589A2

Triad

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



B28EB8



B1966B



50A7AB

Complementary

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



B28EB8



94B88E

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.



62A792



B28EB8



999E6D

Square

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



B28EB8



C38E75



7EA47B



55A4BF

Rectangle

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



B28EB8



CA8891



7EA47B



54A7A3

Sweetspot

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



B28EB8



EDDF0



8E94B8



766E78



F7F7F7



787878

Same Dimension

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



B28EB8



E6AFF0



B88EA9



5A535C



85009C



18001C

Inverse Universe

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



B88E94



F0AFB8



8EB89D



5C5354



9C0016



1C0004

Previews

White Background



This preview shows how the Hex color B28EB8 looks on a white background.

Color Contrast Check

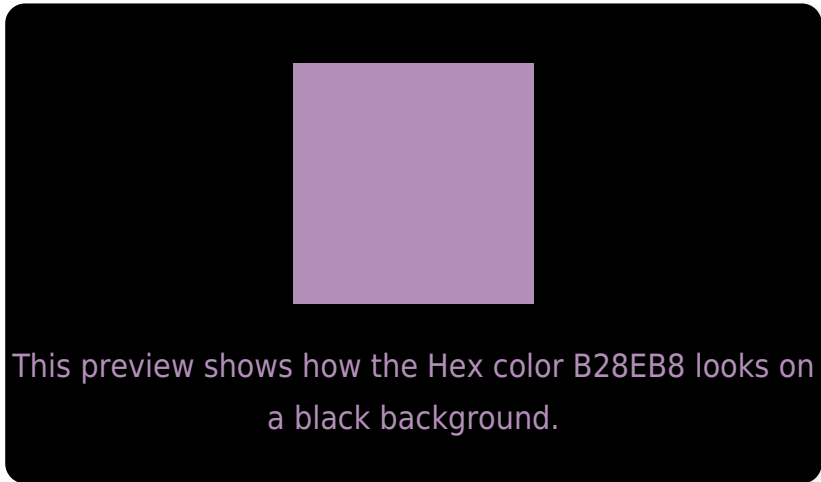
Large Text (above 18pt) WCAG AA × Fail

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

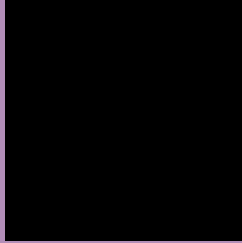
Any Text WCAG AA ✓ Pass

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 B28EB8 Background



This preview shows how black text looks on a background with the Hex color B28EB8.




This preview shows how white text looks on a background with the Hex color B28EB8.

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
AE939E

Trichromacy



Original Color
B28EB8

Protanomaly
9D95BC

Deuteranomaly
A394B7

Tritanomaly
AF91A7

Monochromacy



Original Color
B28EB8

Achromatopsia
9E9E9E

Achromatomaly
A598A7

CSS Examples

Text

The CSS property to change the color of the text to Hex B28EB8 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 #B28EB8 looks like.

```
.text, #text, p{  
    color:#B28EB8  
}
```

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 #B28EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28EB8
}
```

Border

The CSS property to change the border of an element to Hex B28EB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

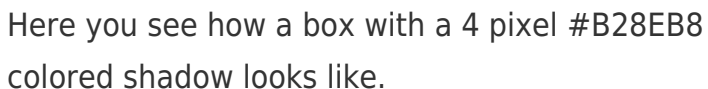
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B28EB8 }
```

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

```
.border{ border-color:#B28EB8 }
```

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



Here you see how a box with a 4 pixel #B28EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28EB8; -webkit-box-shadow:4px 4px  
4px 4px #B28EB8; box-shadow:4px 4px 4px  
4px #B28EB8 }
```

Background

The CSS property to change the background color of an element to Hex B28EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28EB8 }
```

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

```
.background{ background-color:#B28EB8 }
```

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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