

# Converting Colors

Hex(B28EAF)

Have a look what the booklet for  
Hex(B28EAF) contains.

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# Color

Hex(B28EAF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B28EAF</a>
RGB	<a href="#">178, 142, 175</a>
RGB Percent	<a href="#">70%, 56%, 69%</a>
CMY	<a href="#">0.3020, 0.4431, 0.3137</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.20, 0.02, 0.30</a>
HSL	<a href="#">305°, 19%, 63%</a>
HSV	<a href="#">305°, 20%, 70%</a>
XYZ	<a href="#">35.7710, 31.9061, 44.8306</a>
YIQ	<a href="#">156.5260, 10.8630, 17.8950</a>

# Conversions

## Conversions Part 2

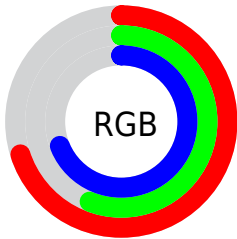
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 142, 175
Decimal	11701935
CIELab	63.27, 19.33, -12.12
CIELCh	63, 22.821, 327.909
Yxy	31.9061, 0.3179, 0.2836
Android (android.graphics.Color)	4289892015 (0xFFB28EAF)
YUV	156.5260, 9.1077, 18.8327
Hunter-Lab	56.4855, 14.1903, -7.5166

# Details

The Hex color **B28EAF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8EB291**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EAC4E7**, and **7D5B7B** is the 20% darker color. If you saturate the color by 10%, you get **B27CAE**, and if you desaturate by 10%, it is **B2A0B0**.

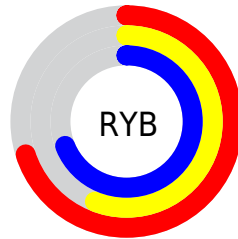
# Distribution



Red (70%)

Green (56%)

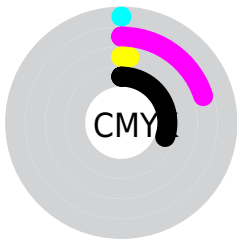
Blue (69%)



Red (70%)

Yellow (56%)

Blue (69%)

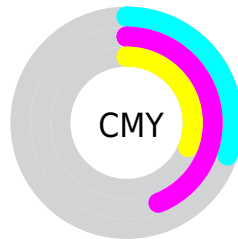


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28EAF 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 B28EAF by changing the saturation by 10% instead.





B28EAF



B28EAF

FFFFFF



977494



EAC4E7



7D5B7B



FFE0FF



644462



FFFDFF



4B2D4A



341733



20001E



000001



000000



B28EAF



B28EAF

 B27CAE

 B2A0B0

 B26AAC

 B2B2B2

 B259AB

 B2C3B3

 B247A9

 B2D5B5

 B235A8

 B2E7B6

 B223A6

 B2F9B8

 B211A5

 B2FFB9

 B200A3

 B2FFBB

 B2FFBC

# Harmonies

## Analogous

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



9B94BD



B28EAF



C08B9B

# Triad

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



B28EAF



A99771



5EA4AB

# Complementary

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



B28EAF



8EB291

# 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.



68A597



B28EAF



949E75

# Square

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



B28EAF



BA9177



7DA283



66A1BB

# Rectangle

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



B28EAF



C38B8E



7DA283



5FA5A5



# Sweetspot

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



B28EAF



E8DAE7



918EB2



756D75



F5F5F5



757575



# Same Dimension

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



B28EAF



E8B0E3



B28E9D



595059



99008C



1A0017



# Inverse Universe

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



B28EAF



E8B0E3



8EB2A3



595059



99008C

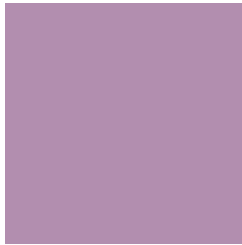


1A0017



# Previews

## White Background



This preview shows how the Hex color B28EAF looks on a white background.

## Color Contrast Check

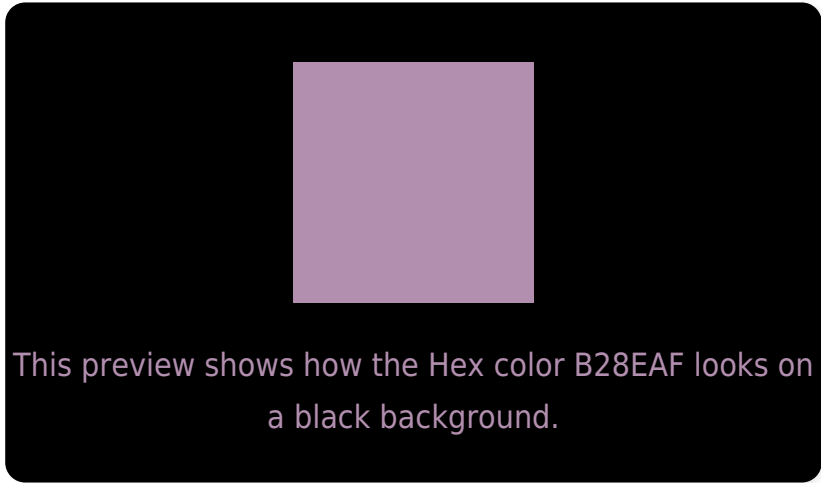
Large Text (above 18pt) WCAG AA × Fail

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

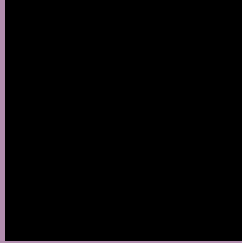
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B28EAF Background



This preview shows how black text looks on a background with the Hex color B28EAF.

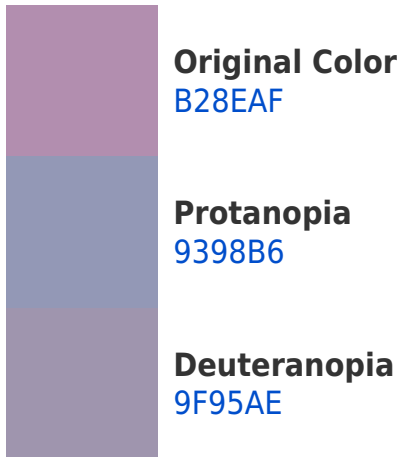



This preview shows how white text looks on a background with the Hex color B28EAF.

# 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**  
AF919D

# Trichromacy



**Original Color**  
B28EAF

**Protanomaly**  
9E94B3

**Deuteranomaly**  
A692AE

**Tritanomaly**  
B090A4

# Monochromacy



**Original Color**  
B28EAF

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
A598A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28EAF 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 #B28EAF looks like.

```
.text, #text, p{  
  color:#B28EAF  
}
```

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 #B28EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28EAF
}
```

## Border

The CSS property to change the border of an element to Hex B28EAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

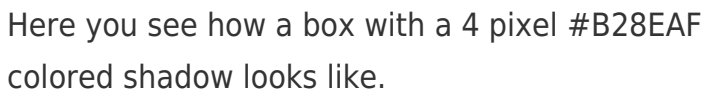
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B28EAF }
```

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

```
.border{ border-color:#B28EAF }
```

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



Here you see how a box with a 4 pixel #B28EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28EAF; -webkit-box-shadow:4px 4px  
4px 4px #B28EAF; box-shadow:4px 4px 4px  
4px #B28EAF }
```

# Background

The CSS property to change the background color of an element to Hex B28EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28EAF }
```

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

```
.background{ background-color:#B28EAF }
```

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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