

# Converting Colors

Hex(B28CA9)

Have a look what the booklet for  
Hex(B28CA9) contains.

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# **Color**

**Hex(B28CA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28CA9
RGB	178, 140, 169
RGB Percent	70%, 55%, 66%
CMY	0.3020, 0.4510, 0.3373
CMYK	0.00, 0.21, 0.05, 0.30
HSL	314°, 20%, 62%
HSV	314°, 21%, 70%
XYZ	34.8996, 31.0857, 41.6969
YIQ	154.6680, 13.3390, 17.0750

# Conversions

## Conversions Part 2

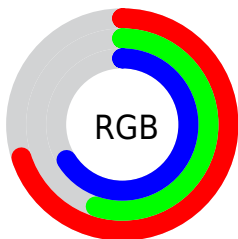
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 140, 169
Decimal	11701417
CIE <sub>Lab</sub>	62.58, 19.33, -9.75
CIE <sub>LCh</sub>	63, 21.654, 333.226
Yxy	31.0857, 0.3241, 0.2887
Android (android.graphics.Color)	4289891497 (0xFFB28CA9)
YUV	154.6680, 7.0657, 20.4622
Hunter-Lab	55.7546, 14.1617, -5.3127

# Details

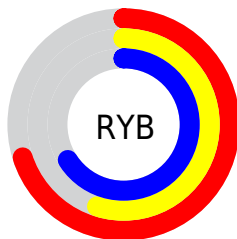
The Hex color **B28CA9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CB295**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EAC2E0**, and **7D5A75** is the 20% darker color. If you saturate the color by 10%, you get **B27AA5**, and if you desaturate by 10%, it is **B29EAD**.

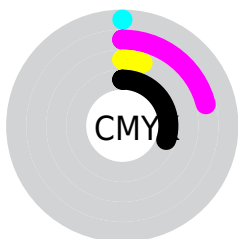
# Distribution



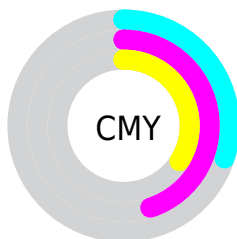
- Red (70%)
- Green (55%)
- Blue (66%)



- Red (70%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (30%)



- Cyan (30%)
- Magenta (45%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B28CA9 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 B28CA9 by changing the saturation by 10% instead.



 B28CA9

 B28CA9

FFFFFF

 97728F

 EAC2E0

 7D5A75

 FFDEFD

 64425C

 FFFAFF

 4B2B45

 34162E

 20001A

 000000

 B28CA9

 B28CA9

 B27AA5

 B29EAD

 B268A1

 B2B0B1

 B2579C

 B2C1B6

 B24598

 B2D3BA

 B23394

 B2E5BE

 B22190

 B2F7C2

 B20F8B

 B2FFC7

 B20088

 B2FFCB

 B2FFCF

# Harmonies

## Analogous

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



9D92B7



B28CA9



BD8996

# Triad

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



B28CA9



A49771



60A1AC

# Complementary

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



B28CA9



8CB295

# 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.



67A299



B28CA9



8F9D77

# Square

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



B28CA9



B49076



79A185



6B9EB9

# Rectangle

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



B28CA9



BF8A89



79A185



60A2A6



# Sweetspot

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



B28CA9



E8DAE5



958CB2



756D73



F5F5F5



757575



# Same Dimension

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



B28CA9



E8ACDA



B28C96



595057



990075



1A0013



# Inverse Universe

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



B28CA9



E8ACDA



8CB2A8



595057



990075

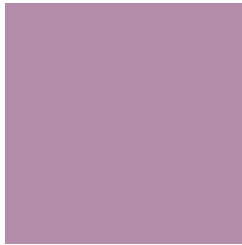


1A0013



# Previews

## White Background



This preview shows how the Hex color B28CA9 looks on a white background.

## Color Contrast Check

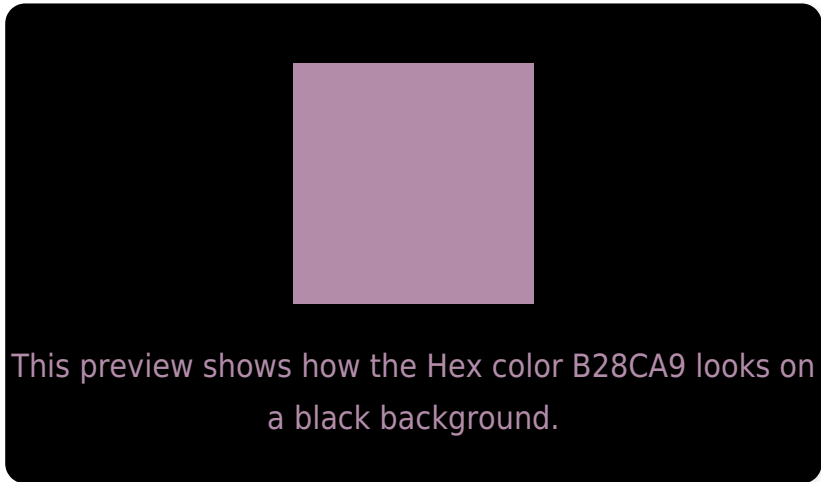
Large Text (above 18pt) WCAG AA × Fail

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 B28CA9 Background



This preview shows how black text looks on a background with the Hex color B28CA9.

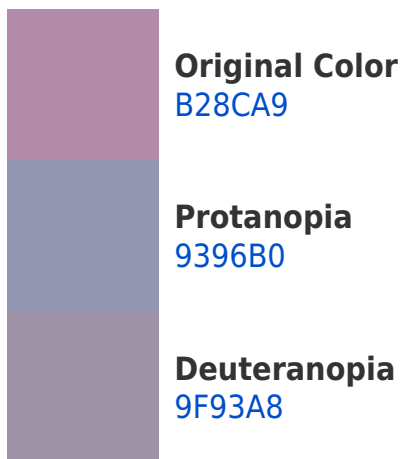


This preview shows how white text looks on a background with the Hex color B28CA9.

# 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**  
B08F9A

# Trichromacy



**Original Color**  
B28CA9

**Protanomaly**  
9E92AD

**Deuteranomaly**  
A690A8

**Tritanomaly**  
B18E9F

# Monochromacy



**Original Color**  
B28CA9

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A396A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B28CA9 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 #B28CA9 looks like.

```
.text, #text, p{  
    color:#B28CA9  
}
```

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 #B28CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28CA9
}
```

## Border

The CSS property to change the border of an element to Hex B28CA9 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
#B28CA9 }
```

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

```
.border{ border-color:#B28CA9 }
```

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

Here you see how a box with a 4 pixel #B28CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28CA9; -webkit-box-shadow:4px 4px  
4px 4px #B28CA9; box-shadow:4px 4px 4px  
4px #B28CA9 }
```

# Background

The CSS property to change the background color of an element to Hex B28CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28CA9 }
```

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

```
.background{ background-color:#B28CA9 }
```

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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