

# Converting Colors

Hex(B58AD9)

Have a look what the booklet for  
Hex(B58AD9) contains.

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# **Color**

**Hex(B58AD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B58AD9
RGB	181, 138, 217
RGB Percent	71%, 54%, 85%
CMY	0.2902, 0.4588, 0.1490
CMYK	0.17, 0.36, 0.00, 0.15
HSL	273°, 51%, 70%
HSV	273°, 36%, 85%
XYZ	40.6689, 33.0105, 69.8738
YIQ	159.8630, 0.2690, 33.6850

# Conversions

## Conversions Part 2

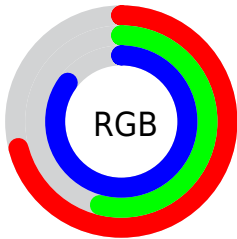
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 138, 217
Decimal	11897561
CIE <sub>Lab</sub>	64.17, 31.21, -34.29
CIE <sub>LCh</sub>	64, 46.367, 312.314
Yxy	33.0105, 0.2833, 0.2300
Android (android.graphics.Color)	4290087641 (0xFFB58AD9)
YUV	159.8630, 28.1685, 18.5371
Hunter-Lab	57.4547, 25.8041, -31.8875

# Details

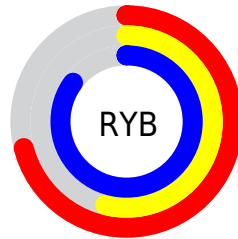
The Hex color **B58AD9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AED98A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EEC0FF**, and **7F57A2** is the 20% darker color. If you saturate the color by 10%, you get **AB74D9**, and if you desaturate by 10%, it is **BFA0D9**.

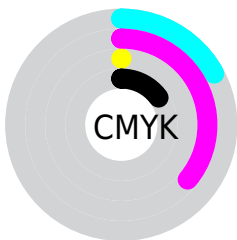
# Distribution



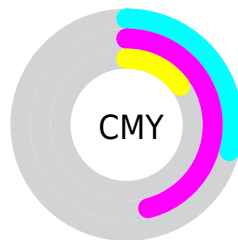
- Red (71%)
- Green (54%)
- Blue (85%)



- Red (71%)
- Yellow (54%)
- Blue (85%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (46%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B58AD9 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 B58AD9 by changing the saturation by 10% instead.



 B58AD9

 B58AD9

FFFFFF

 9A70BD

 EEC0FF

 7F57A2

 FFDCFF

 653F87

 FFF9FF

 4B286E

 331155

 1B003D

 000027

 000110

 000000

 B58AD9

 B58AD9

 AB74D9

 BFA0D9

 A15FD9

 C9B5D9

 9749D9

 D3CBD9

 8D33D9

 DDE1D9

 841ED9

 E6F6D9

 7A08D9

 F0FFD9

 7600D9

 FAFFD9

 FFFFD9

# Harmonies

## Analogous

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



769AEC



B58AD9



DB7CB6

# Triad

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



B58AD9



C9914C



00B1AC

# Complementary

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



B58AD9



AED98A

# 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.



36AF81



B58AD9



A49F48

# Square

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



B58AD9



E28266



76A95C



00AED2

# Rectangle

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



B58AD9



E8799A



76A95C



00B19E



# Sweetspot

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



B58AD9



F2E3FF



8AAFD9



786F80



000000



808080



# Same Dimension

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



B58AD9



CC8FFF



D98AD6



69636E



5E00AD



19002E



# Inverse Universe

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



D98AAE



FF8FC2



8AD98D



6E6368



AD004F

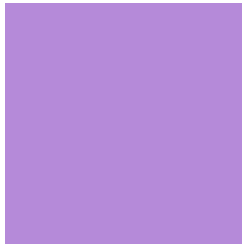


2E0015



# Previews

## White Background



This preview shows how the Hex color B58AD9 looks on a white background.

## Color Contrast Check

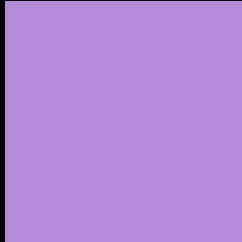
Large Text (above 18pt) WCAG AA × Fail

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 B58AD9 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 B58AD9 Background



This preview shows how black text looks on a background with the Hex color B58AD9.

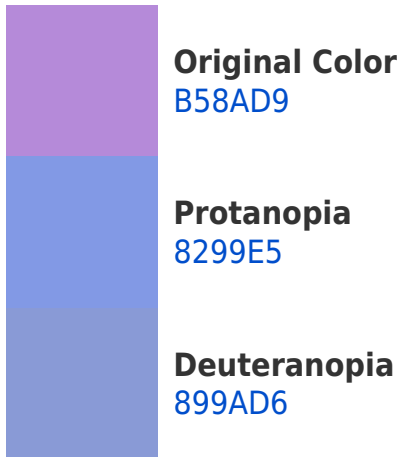


This preview shows how white text looks on a background with the Hex color B58AD9.

# 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**  
AC95A1

# Trichromacy



**Original Color**  
B58AD9



**Protanomaly**  
9594E1



**Deuteranomaly**  
9994D7



**Tritanomaly**  
AF91B5

# Monochromacy



**Original Color**  
B58AD9



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
A898B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B58AD9 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 #B58AD9 looks like.

```
.text, #text, p{  
    color:#B58AD9  
}
```

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 #B58AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58AD9
}
```

## Border

The CSS property to change the border of an element to Hex B58AD9 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
#B58AD9 }
```

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

```
.border{ border-color:#B58AD9 }
```

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

Here you see how a box with a 4 pixel #B58AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58AD9; -webkit-box-shadow:4px 4px  
4px 4px #B58AD9; box-shadow:4px 4px 4px  
4px #B58AD9 }
```

# Background

The CSS property to change the background color of an element to Hex B58AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58AD9 }
```

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

```
.background{ background-color:#B58AD9 }
```

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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