

# Converting Colors

Hex(B58BDE)

Have a look what the booklet for  
Hex(B58BDE) contains.

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# Color

Hex(**B58BDE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B58BDE
RGB	181, 139, 222
RGB Percent	71%, 55%, 87%
CMY	0.2902, 0.4549, 0.1294
CMYK	0.18, 0.37, 0.00, 0.13
HSL	270°, 56%, 71%
HSV	270°, 37%, 87%
XYZ	41.4735, 33.5629, 73.3996
YIQ	161.0200, -1.6110, 34.7170

# Conversions

## Conversions Part 2

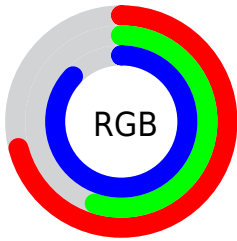
Format	Color
R <sub>Y</sub> B	181, 139, 222
Decimal	11897822
CIE Lab	64.61, 31.77, -36.37
CIE LCh	65, 48.292, 311.130
Yxy	33.5629, 0.2794, 0.2261
Android (android.graphics.Color)	4290087902 (0xFFB58BDE)
YUV	161.0200, 30.0631, 17.5225
Hunter-Lab	57.9335, 26.4011, -34.5648

# Details

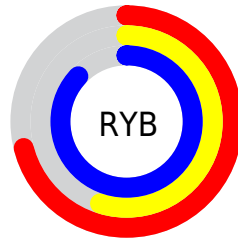
The Hex color **B58BDE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4DE8B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EEC1FF**, and **7F58A6** is the 20% darker color. If you saturate the color by 10%, you get **AA75DE**, and if you desaturate by 10%, it is **C0A1DE**.

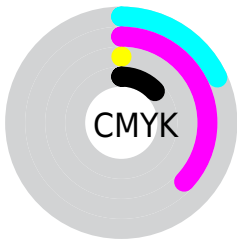
# Distribution



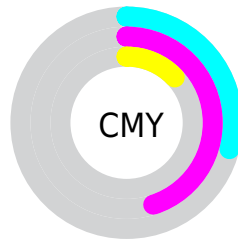
- Red (71%)
- Green (55%)
- Blue (87%)



- Red (71%)
- Yellow (55%)
- Blue (87%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (45%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B58BDE 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 B58BDE by changing the saturation by 10% instead.



 B58BDE

 B58BDE

FFFFFF

 9971C2

 EEC1FF

 7F58A6

 FFDDFF

 64408C

 FFFAFF

 4B2972

 321259

 1A0041

 00002A

 000115

 000000

 B58BDE

 B58BDE

 AA75DE

 C0A1DE

 9F5FDE

 CBB7DE

 9448DE

 D6CEDE

 8932DE

 E1E4DE

 7E1CDE

 ECFADE

 7306DE

 F7FFDE

 7000DE

 FFFFDE

# Harmonies

## Analogous

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



719CF1



B58BDE



DE7CBA

# Triad

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



B58BDE



CD914A



00B3AC

# Complementary

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



B58BDE



B4DE8B

# 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.



34B17F



B58BDE



A79F44

# Square

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



B58BDE



E68166



77AA59



00B0D4

# Rectangle

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



B58BDE



EB789D



77AA59



00B29D



# Sweetspot

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



B58BDE



F1E3FF



8BB5DE



776F80



000000



808080



# Same Dimension

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



B58BDE



C68CFF



DE8BDE



6B6570



5900B0



190030



# Inverse Universe

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



DE8BB4



FF8CC5



8BDE8B



70656B



B00057

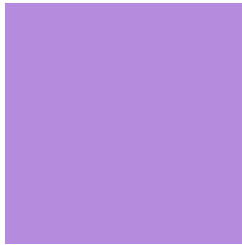


300018



# Previews

## White Background



This preview shows how the Hex color B58BDE looks on a white background.

## Color Contrast Check

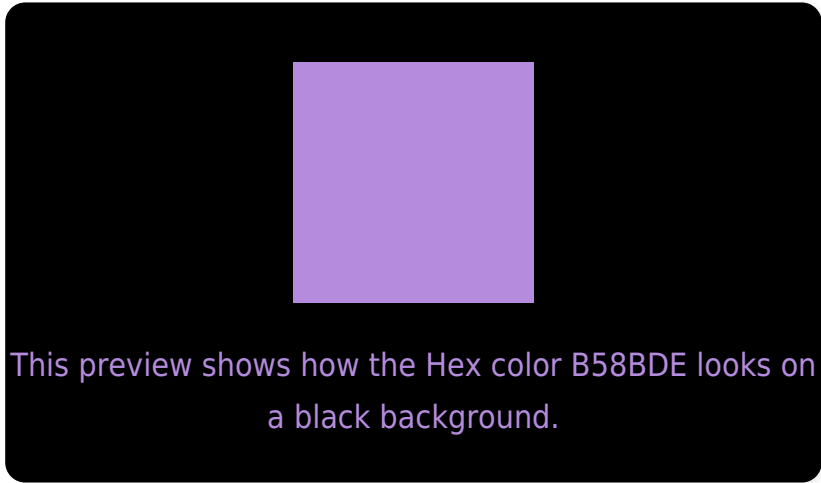
Large Text (above 18pt) WCAG AA × Fail

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

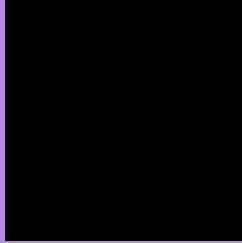
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B58BDE Background



This preview shows how black text looks on a background with the Hex color B58BDE.

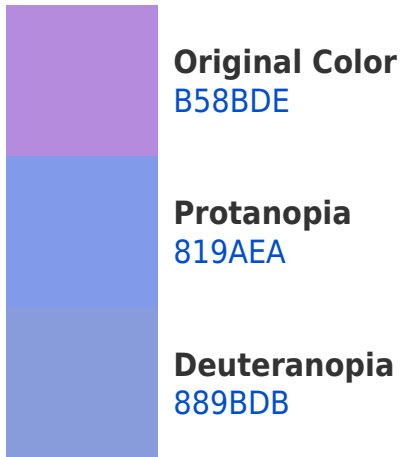


This preview shows how white text looks on a background with the Hex color B58BDE.

# 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](#).

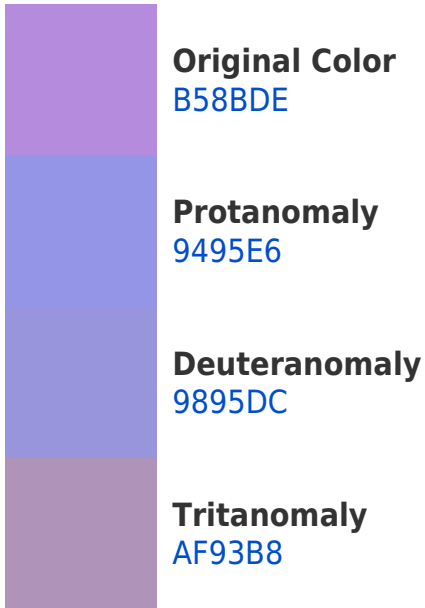
## Dichromacy



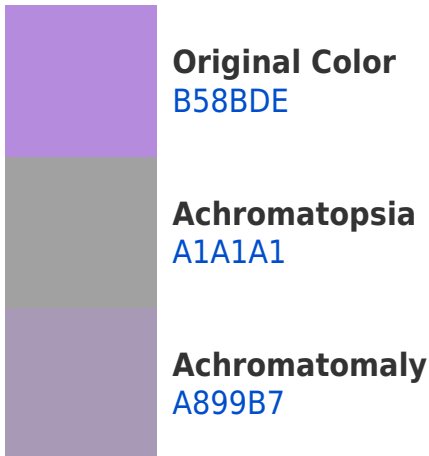


**Tritanopia**  
AB97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B58BDE 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 #B58BDE looks like.

```
.text, #text, p{  
  color:#B58BDE  
}
```

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 #B58BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58BDE
}
```

## Border

The CSS property to change the border of an element to Hex B58BDE 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
#B58BDE }
```

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

```
.border{ border-color:#B58BDE }
```

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

Here you see how a box with a 4 pixel #B58BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58BDE; -webkit-box-shadow:4px 4px  
4px 4px #B58BDE; box-shadow:4px 4px 4px  
4px #B58BDE }
```

# Background

The CSS property to change the background color of an element to Hex B58BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58BDE }
```

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

```
.background{ background-color:#B58BDE }
```

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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