

# Converting Colors

Hex(B18BD5)

Have a look what the booklet for  
Hex(B18BD5) contains.

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# **Color**

**Hex(B18BD5)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B18BD5                     |
| RGB         | 177, 139, 213              |
| RGB Percent | 69%, 55%, 84%              |
| CMY         | 0.3059, 0.4549, 0.1647     |
| CMYK        | 0.17, 0.35, 0.00, 0.16     |
| HSL         | 271°, 47%, 69%             |
| HSV         | 271°, 35%, 84%             |
| XYZ         | 39.3743, 32.6164, 67.1711  |
| YIQ         | 158.7980, -1.1060, 31.0700 |

# Conversions

## Conversions Part 2

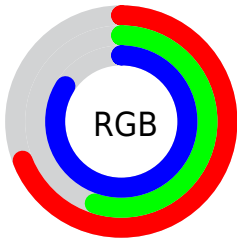
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">177, 139, 213</a>               |
| Decimal                             | <a href="#">11635669</a>                    |
| CIELab                              | <a href="#">63.85, 28.55, -32.59</a>        |
| CIElCh                              | <a href="#">64, 43.326, 311.226</a>         |
| Yxy                                 | <a href="#">32.6164, 0.2829, 0.2344</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4289825749<br/>(0xFFB18BD5)</a> |
| YUV                                 | <a href="#">158.7980, 26.7216, 15.9632</a>  |
| Hunter-Lab                          | <a href="#">57.1108, 23.1206, -29.7566</a>  |

# Details

The Hex color **B18BD5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFD58B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EAC1FF**, and **7B589E** is the 20% darker color. If you saturate the color by 10%, you get **A776D5**, and if you desaturate by 10%, it is **BBA0D5**.

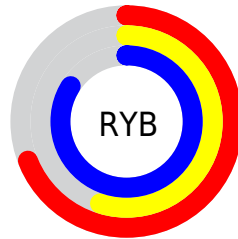
# Distribution



Red (69%)

Green (55%)

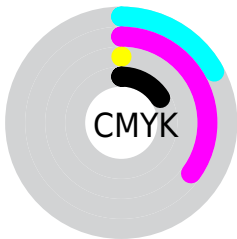
Blue (84%)



Red (69%)

Yellow (55%)

Blue (84%)

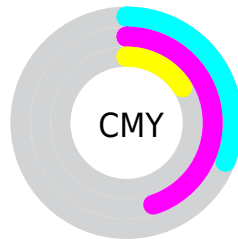


Cyan (17%)

Magenta (35%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (45%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B18BD5 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 B18BD5 by changing the saturation by 10% instead.



 B18BD5

 B18BD5

FFFFFF

 9671B9

 EAC1FF

 7B589E

 FFDDFF

 614084

 FFFAFF

 482A6A

 301352

 19003A

 000124

 00000B

 000000

 B18BD5

 B18BD5

 A776D5

 BBA0D5

 9C60D5

 C6B6D5

 924BD5

 D0CBD5

 8836D5

 DAE0D5

 7D21D5

 E5F5D5

 730BD5

 EFFF5D5

 6D00D5

 FAFFD5

 FFFFD5

# Harmonies

## Analogous

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



769AE6



B18BD5



D67FB4

# Triad

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



B18BD5



C79051



00AFA8

# Complementary

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



B18BD5



AFD58B

# 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.



43AD81



B18BD5



A49D4D

# Square

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



B18BD5



DE836A



7AA75F



00ACCC

# Rectangle

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



B18BD5



E27B9B



7AA75F



00AF9B



# Sweetspot

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



B18BD5



F3E6FF



8BB0D5



787080



000000



808080



# Same Dimension

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



B18BD5



CB94FF



D58BD5



66606B



5800AB



16002B



# Inverse Universe

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



D58BAF



FF94C8



8BD58B



6B6066



AB0053

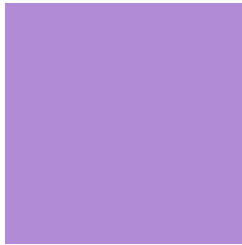


2B0015



# Previews

## White Background



This preview shows how the Hex color B18BD5 looks on a white background.

## Color Contrast Check

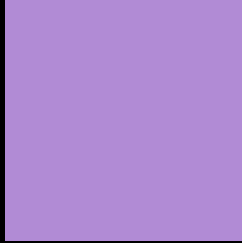
Large Text (above 18pt) WCAG AA × Fail

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 B18BD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

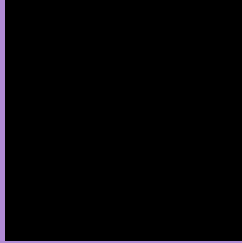
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B18BD5 Background



This preview shows how black text looks on a background with the Hex color B18BD5.

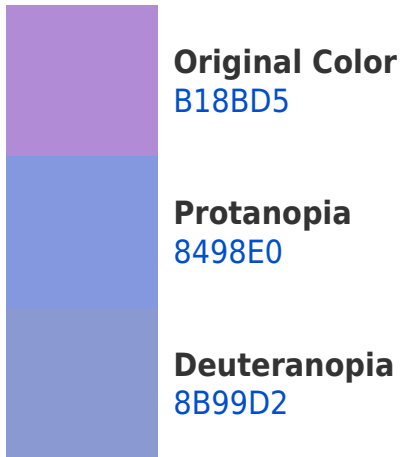


This preview shows how white text looks on a background with the Hex color B18BD5.

# 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](#).

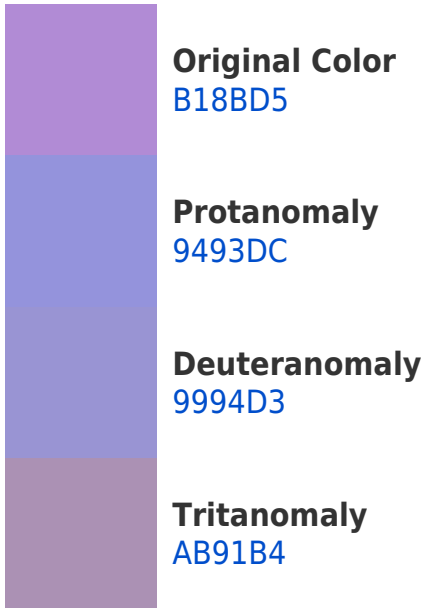
## Dichromacy



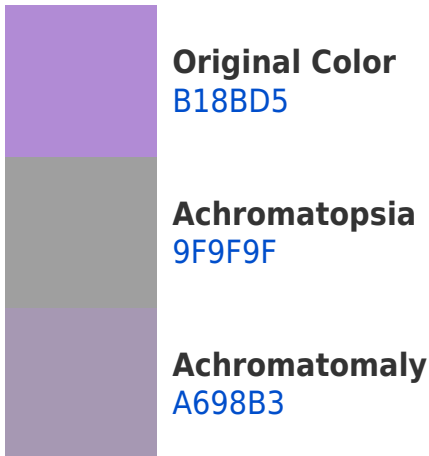


**Tritanopia**  
A895A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B18BD5 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 #B18BD5 looks like.

```
.text, #text, p{  
    color:#B18BD5  
}
```

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 #B18BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18BD5
}
```

## Border

The CSS property to change the border of an element to Hex B18BD5 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
#B18BD5 }
```

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

```
.border{ border-color:#B18BD5 }
```

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

Here you see how a box with a 4 pixel #B18BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18BD5; -webkit-box-shadow:4px 4px  
4px 4px #B18BD5; box-shadow:4px 4px 4px  
4px #B18BD5 }
```

# Background

The CSS property to change the background color of an element to Hex B18BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18BD5 }
```

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

```
.background{ background-color:#B18BD5 }
```

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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