

# Converting Colors

Hex(B63AD0)

Have a look what the booklet for  
Hex(B63AD0) contains.

|  |    |
|--|----|
| <b>Hex(B63AD0)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(**B63AD0**)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B63AD0                     |
| RGB         | 182, 58, 208               |
| RGB Percent | 71%, 23%, 82%              |
| CMY         | 0.2863, 0.7725, 0.1843     |
| CMYK        | 0.12, 0.72, 0.00, 0.18     |
| HSL         | 290°, 61%, 52%             |
| HSV         | 290°, 72%, 82%             |
| XYZ         | 32.1896, 17.5253, 61.3606  |
| YIQ         | 112.1760, 25.7540, 72.9380 |

# Conversions

## Conversions Part 2

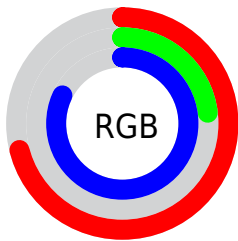
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 182, 58, 208                  |
| Decimal                             | 11942608                      |
| CIE <sub>Lab</sub>                  | 48.92, 68.71, -53.28          |
| CIE <sub>LCh</sub>                  | 49, 86.948, 322.213           |
| Yxy                                 | 17.5253, 0.2898,<br>0.1578    |
| Android<br>(android.graphics.Color) | 4290132688<br>(0xFFB63AD0)    |
| YUV                                 | 112.1760, 47.2412,<br>61.2356 |
| Hunter-Lab                          | 41.8632, 63.9924,<br>-57.5996 |

# Details

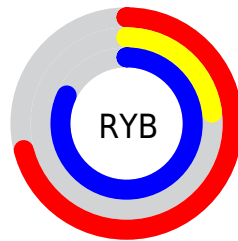
The Hex color **B63AD0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **54D03A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F174FF**, and **7D0099** is the 20% darker color. If you saturate the color by 10%, you get **B225D0**, and if you desaturate by 10%, it is **BA4FD0**.

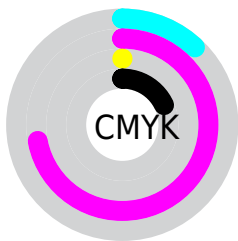
# Distribution



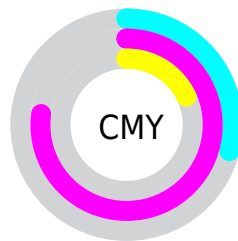
- Red (71%)
- Green (23%)
- Blue (82%)



- Red (71%)
- Yellow (23%)
- Blue (82%)



- Cyan (12%)
- Magenta (72%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (77%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B63AD0 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 B63AD0 by changing the saturation by 10% instead.



 B63AD0

 B63AD0

FFFFFF

 9915B4

 F174FF

 7D0099

 FF91FF

 61007E

 FFADFF

 450064

 FFCAFF

 2B004C

 FFE8FF

 020034

 00021E

 000000

 B63AD0

 B63AD0

 B225D0

 BA4FD0

 AF10D0

 BD64D0

 AC00D0

 C178D0

 C48DD0

 C8A2D0

 CCB7D0

 CFCCD0

 D3E0D0

 D6F5D0

# Harmonies

## Analogous

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



016AFF



B63AD0



E8008B

# Triad

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



B63AD0



9E6B00



0092AA

# Complementary

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



B63AD0



54D03A

# 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.



00905E



B63AD0



598100

# Square

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



B63AD0



D14300



008C00



008FE9

# Rectangle

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



B63AD0



F0005A



008C00



009292



# Sweetspot

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



B63AD0



F5C7FF



3A56D0



7A5E80



000000



808080



# Same Dimension

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



B63AD0



D921FF



D03AA1



675E69



8B00A8



220029



# Inverse Universe

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



D03A54



FF2148



3AD06A



695E60



A8001D

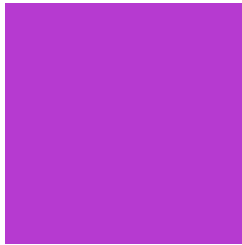


290007



# Previews

## White Background



This preview shows how the Hex color B63AD0 looks on a white background.

## Color Contrast Check

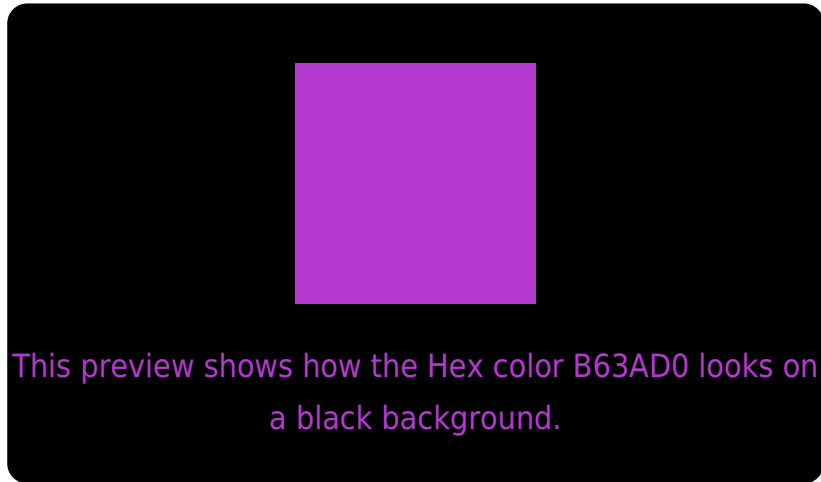
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

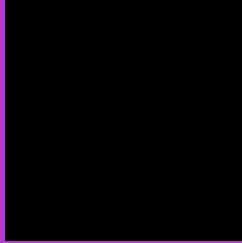
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B63AD0 Background



This preview shows how black text looks on a background with the Hex color B63AD0.

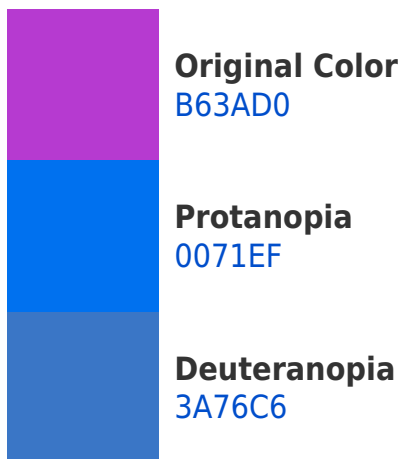


This preview shows how white text looks on a background with the Hex color B63AD0.

# 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](#).

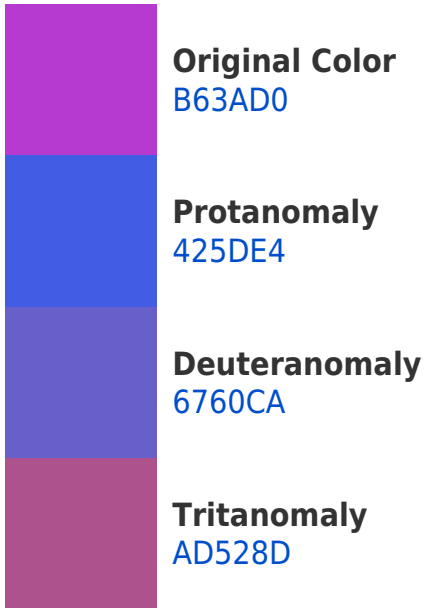
## Dichromacy



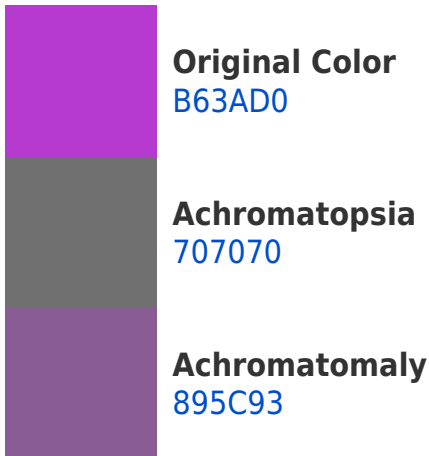


**Tritanopia**  
A85F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B63AD0 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 #B63AD0 looks like.

```
.text, #text, p{  
    color:#B63AD0  
}
```

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 #B63AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63AD0
}
```

## Border

The CSS property to change the border of an element to Hex B63AD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

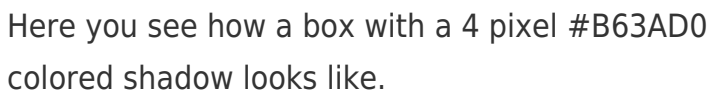
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B63AD0 }
```

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

```
.border{ border-color:#B63AD0 }
```

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



Here you see how a box with a 4 pixel #B63AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63AD0; -webkit-box-shadow:4px 4px  
4px 4px #B63AD0; box-shadow:4px 4px 4px  
4px #B63AD0 }
```

# Background

The CSS property to change the background color of an element to Hex B63AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63AD0 }
```

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

```
.background{ background-color:#B63AD0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor