

# Converting Colors

Hex(BD4CF6)

Have a look what the booklet for  
Hex(BD4CF6) contains.

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# Color

Hex(**BD4CF6**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BD4CF6
RGB	189, 76, 246
RGB Percent	74%, 30%, 96%
CMY	0.2588, 0.7020, 0.0353
CMYK	0.23, 0.69, 0.00, 0.04
HSL	280°, 90%, 63%
HSV	280°, 69%, 96%
XYZ	40.2053, 22.6415, 89.4400
YIQ	129.1670, 12.7780, 76.8260

# Conversions

## Conversions Part 2

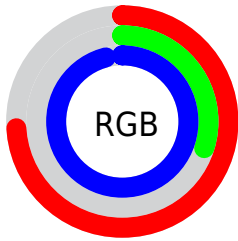
Format	Color
<a href="#">RYB</a>	<a href="#">189, 76, 246</a>
Decimal	<a href="#">12406006</a>
CIELab	<a href="#">54.70, 70.59, -65.41</a>
CIELCh	<a href="#">55, 96.234, 317.181</a>
Yxy	<a href="#">22.6415, 0.2640, 0.1487</a>
Android (android.graphics.Color)	<a href="#">4290596086</a> ( <a href="#">0xFFBD4CF6</a> )
YUV	<a href="#">129.1670, 57.5987, 52.4735</a>
Hunter-Lab	<a href="#">47.5831, 67.5528, -78.1368</a>

# Details

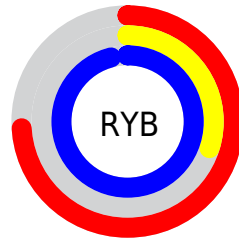
The Hex color **BD4CF6** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **85F64C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F985FF**, and **8200BD** is the 20% darker color. If you saturate the color by 10%, you get **B533F6**, and if you desaturate by 10%, it is **C565F6**.

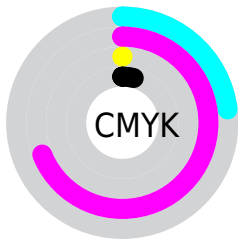
# Distribution



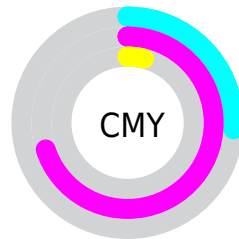
- Red (74%)
- Green (30%)
- Blue (96%)



- Red (74%)
- Yellow (30%)
- Blue (96%)



- Cyan (23%)
- Magenta (69%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (70%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4CF6 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 BD4CF6 by changing the saturation by 10% instead.



 BD4CF6

 BD4CF6

FFFFFF

 A02DD9

 F985FF

 8200BD

 FFA1FF

 6500A1

 FFBEFF

 480086

 FFDBFF

 29006C

 FFF9FF

 000053

 00023A

 000224

 00000B

 BD4CF6

 BD4CF6

 B533F6

 C565F6

 AD1BF6

 CD7DF6

 A402F6

 D696F6

 A400F6

 DEAEF6

 E6C7F6

 EEE0F6

 F7F8F6

 FFFFF6

# Harmonies

## Analogous

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



007EFF



BD4CF6



FF00AA

# Triad

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



BD4CF6



BD7200



00A4B2

# Complementary

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



BD4CF6



85F64C

# 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.



00A25B



BD4CF6



738E00

# Square

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



BD4CF6



F34000



009C00



00A3FD

# Rectangle

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



BD4CF6



FF0073



009C00



00A496



# Sweetspot

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



BD4CF6



EDC9FF



4C88F6



756080



000000



808080



# Same Dimension

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



BD4CF6



B82BFF



F64CDD



766E7A



7C00BA



27003B



# Inverse Universe

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



F64C85



FF2B72



4CF666



7A6E72



BA003E

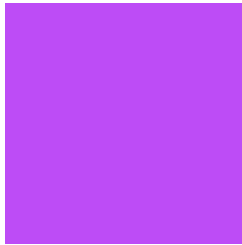


3B0014



# Previews

## White Background



This preview shows how the Hex color BD4CF6 looks on a white background.

## Color Contrast Check

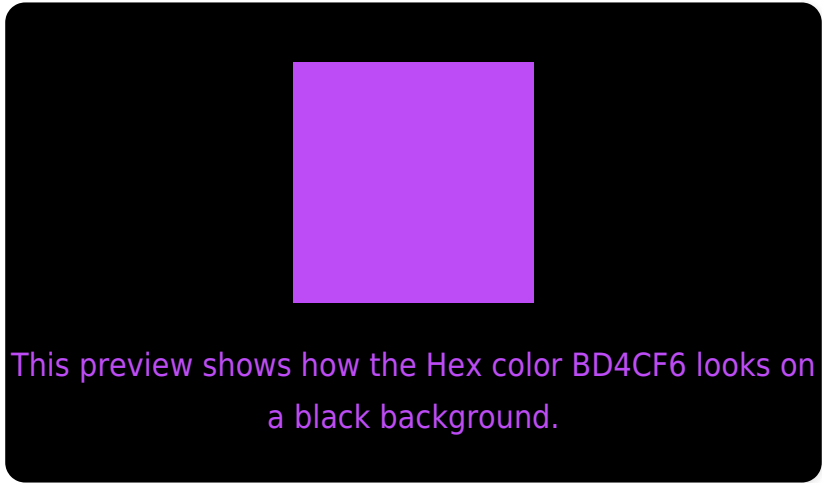
Large Text (above 18pt) WCAG AA ✓ Pass

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

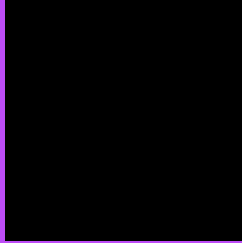
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD4CF6 Background



This preview shows how black text looks on a background with the Hex color BD4CF6.

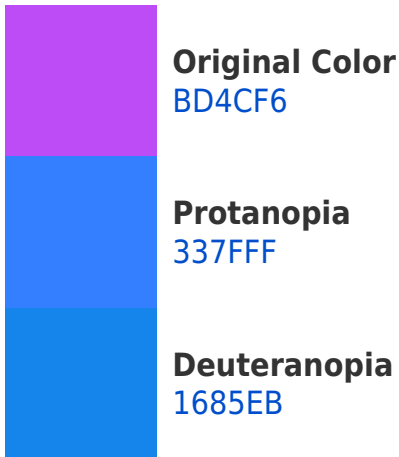


This preview shows how white text looks on a background with the Hex color BD4CF6.

# 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](#).

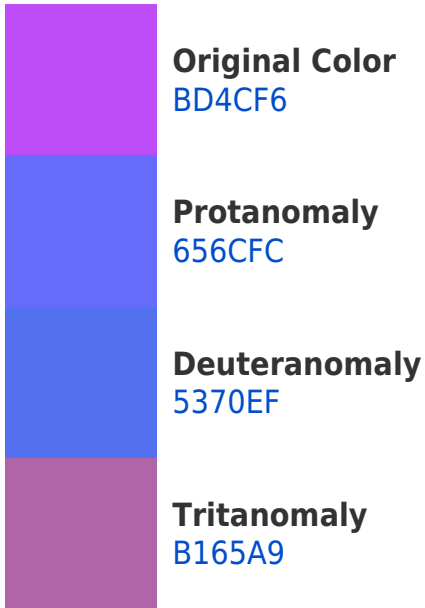
## Dichromacy



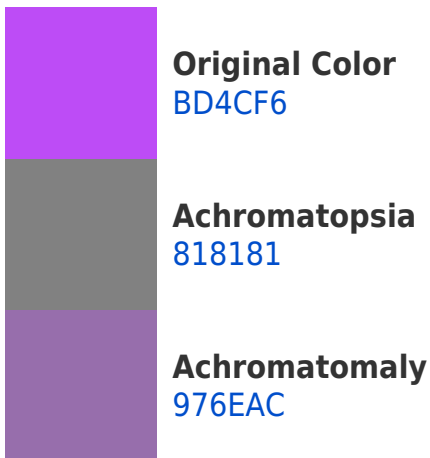


**Tritanopia**  
AA747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4CF6 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 #BD4CF6 looks like.

```
.text, #text, p{  
    color:#BD4CF6  
}
```

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 #BD4CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4CF6
}
```

## Border

The CSS property to change the border of an element to Hex BD4CF6 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
#BD4CF6 }
```

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

```
.border{ border-color:#BD4CF6 }
```

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

Here you see how a box with a 4 pixel #BD4CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4CF6; -webkit-box-shadow:4px 4px  
4px 4px #BD4CF6; box-shadow:4px 4px 4px  
4px #BD4CF6 }
```

# Background

The CSS property to change the background color of an element to Hex BD4CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4CF6 }
```

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

```
.background{ background-color:#BD4CF6 }
```

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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