

# Converting Colors

Hex(B04DB2)

Have a look what the booklet for  
Hex(B04DB2) contains.

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**Color**

**Hex(B04DB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B04DB2</a>
RGB	<a href="#">176, 77, 178</a>
RGB Percent	<a href="#">69%, 30%, 70%</a>
CMY	<a href="#">0.3098, 0.6980, 0.3020</a>
<a href="#">CMYK</a>	<a href="#">0.01, 0.57, 0.00, 0.30</a>
HSL	<a href="#">299°, 40%, 50%</a>
HSV	<a href="#">299°, 57%, 70%</a>
XYZ	<a href="#">28.5943, 17.7522, 44.0389</a>
YIQ	<a href="#">118.1150, 26.5830, 52.3990</a>

# Conversions

## Conversions Part 2

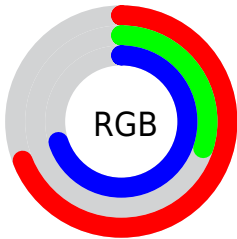
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 77, 178
Decimal	11554226
CIE <sub>Lab</sub>	49.19, 54.02, -35.50
CIE <sub>LCh</sub>	49, 64.643, 326.686
Yxy	17.7522, 0.3164, 0.1964
Android (android.graphics.Color)	4289744306 (0xFFB04DB2)
YUV	118.1150, 29.5233, 50.7651
Hunter-Lab	42.1334, 47.4075, -32.4781

# Details

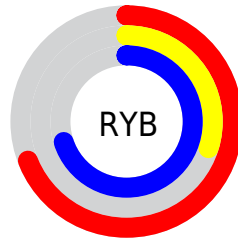
The Hex color **B04DB2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4FB24D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **EA83EA**, and **79117D** is the 20% darker color. If you saturate the color by 10%, you get **B03BB2**, and if you desaturate by 10%, it is **B05FB2**.

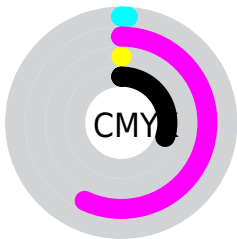
# Distribution



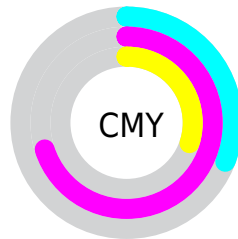
- Red (69%)
- Green (30%)
- Blue (70%)



- Red (69%)
- Yellow (30%)
- Blue (70%)



- Cyan (1%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (70%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B04DB2 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 B04DB2 by changing the saturation by 10% instead.



 B04DB2

 B04DB2

FFFFFF

 943297

 EA83EA

 79117D

 FF9EFF

 5E0063

 FFBAFF

 43004B

 FFD7FF

 2D0034

 FFF4FF

 00001E

 000000

 B04DB2

 B04DB2

 B03BB2

 B05FB2

 AF29B2

 B171B2

 AF18B2

 B182B2

 AF06B2

 B194B2

 AE00B2

 B2A6B2

 B2B8B2

 B2CAB2

 B3DDB2

 B3EDB2

# Harmonies

## Analogous

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



6469D8



B04DB2



D1377D

# Triad

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



B04DB2



927000



008DA5

# Complementary

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



B04DB2



4FB24D

# 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.



008D6D



B04DB2



5D8000

# Square

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



B04DB2



BB5912



008934



0089D0

# Rectangle

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



B04DB2



D53959



008934



008D93



# Sweetspot

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



B04DB2



E7C1E8



4D50B2



755E75



F5F5F5



757575



# Same Dimension

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



B04DB2



E54AE8



B24D83



595059



960099



19001A



# Inverse Universe

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



B24D4F



E84A4D



4DB27C



595051



990003



1A0001



# Previews

## White Background



This preview shows how the Hex color B04DB2 looks on a white background.

## Color Contrast Check

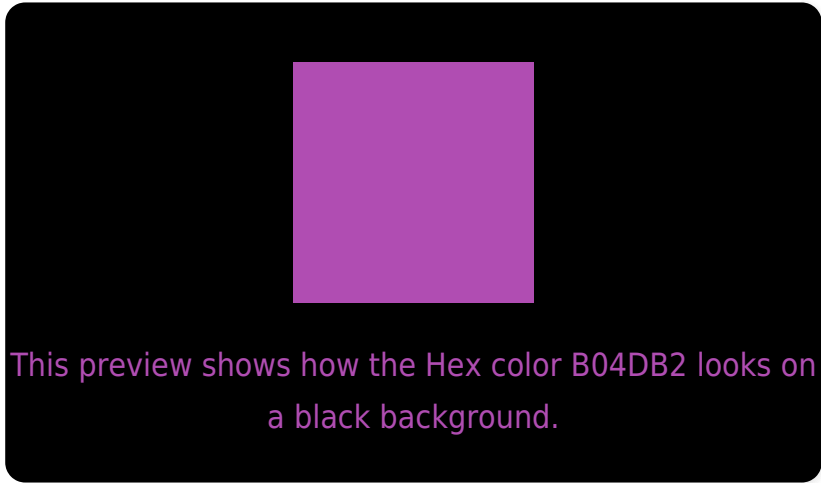
Large Text (above 18pt) WCAG AA ✓ Pass

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

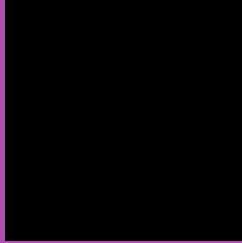
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B04DB2 Background



This preview shows how black text looks on a background with the Hex color B04DB2.

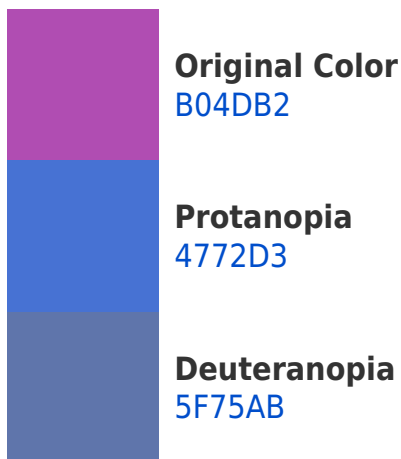


This preview shows how white text looks on a background with the Hex color B04DB2.

# 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](#).

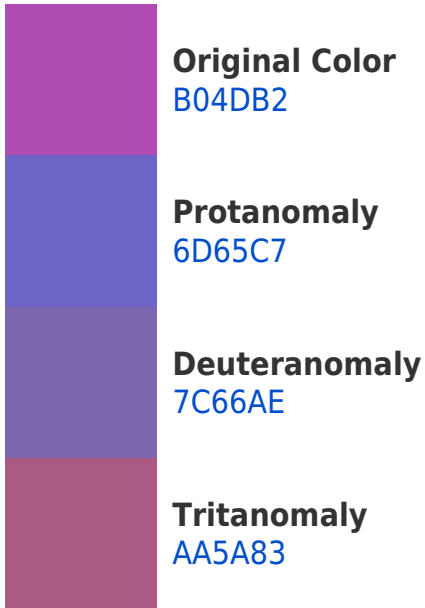
## Dichromacy



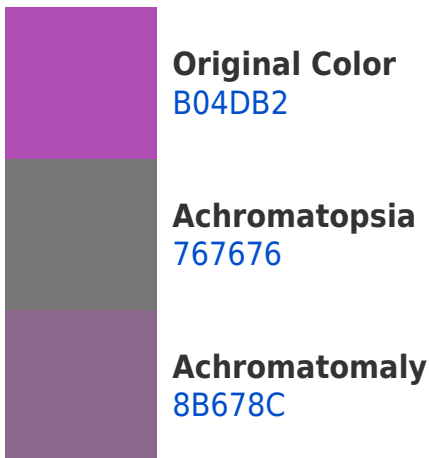


**Tritanopia**  
A76168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B04DB2 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 #B04DB2 looks like.

```
.text, #text, p{  
    color:#B04DB2  
}
```

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 #B04DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04DB2
}
```

## Border

The CSS property to change the border of an element to Hex B04DB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

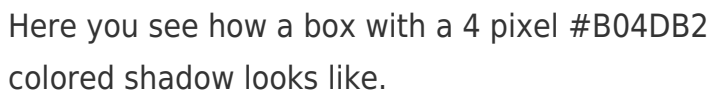
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04DB2 }
```

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

```
.border{ border-color:#B04DB2 }
```

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



Here you see how a box with a 4 pixel #B04DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04DB2; -webkit-box-shadow:4px 4px  
4px 4px #B04DB2; box-shadow:4px 4px 4px  
4px #B04DB2 }
```

# Background

The CSS property to change the background color of an element to Hex B04DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04DB2 }
```

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

```
.background{ background-color:#B04DB2 }
```

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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