

# Converting Colors

Hex(BB24DB)

Have a look what the booklet for  
Hex(BB24DB) contains.

<b>Hex(BB24DB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BB24DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB24DB
RGB	187, 36, 219
RGB Percent	73%, 14%, 86%
CMY	0.2667, 0.8588, 0.1412
CMYK	0.15, 0.84, 0.00, 0.14
HSL	290°, 72%, 50%
HSV	290°, 84%, 86%
XYZ	33.9106, 16.9410, 68.5005
YIQ	102.0110, 31.2530, 88.9250

# Conversions

## Conversions Part 2

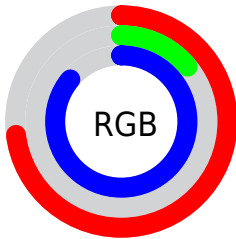
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 36, 219
Decimal	12264667
CIELab	48.19, 77.96, -60.71
CIELCh	48, 98.811, 322.093
Yxy	16.9410, 0.2841, 0.1419
Android (android.graphics.Color)	4290454747 (0xFFBB24DB)
YUV	102.0110, 57.6756, 74.5354
Hunter-Lab	41.1595, 75.0340, -69.8630

# Details

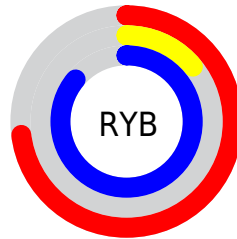
The Hex color **BB24DB** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **44DB24**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F767FF**, and **8000A3** is the 20% darker color. If you saturate the color by 10%, you get **B70EDB**, and if you desaturate by 10%, it is **BF3ADB**.

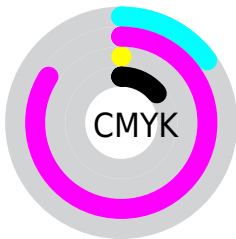
# Distribution



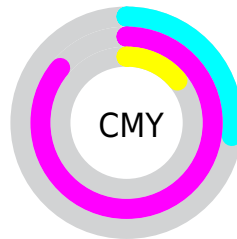
- Red (73%)
- Green (14%)
- Blue (86%)



- Red (73%)
- Yellow (14%)
- Blue (86%)



- Cyan (15%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (86%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB24DB 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 BB24DB by changing the saturation by 10% instead.



 BB24DB

 BB24DB

FFFFFF

 9E00BF

 F767FF

 8000A3

 FF84FF

 640088

 FFA2FF

 47006E

 FF8FFF

 2B0055

 FFDDFF

 00003C

 FFFBFF

 000225

 00010E

 000000

 BB24DB

 BB24DB

 B70EDB

 BF3ADB

 B500DB

 C350DB

 C666DB

 CA7CDB

 CE92DB

 D2A7DB

 D6BDDB

 DAD3DB

 DDE9DB

# Harmonies

## Analogous

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



0067FF



BB24DB



F4008C

# Triad

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



BB24DB



9E6800



0092B0

# Complementary

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



BB24DB



44DB24

# 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.



009059



BB24DB



4F8000

# Square

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



BB24DB



D83500



008C00



0091F8

# Rectangle

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



BB24DB



FC0056



008C00



009294



# Sweetspot

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



BB24DB



F4BFFF



2446DB



795980



000000



808080



# Same Dimension

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



BB24DB



D200FF



DB24A1



6C636E



8F00AD



26002E



# Inverse Universe

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



DB2444



FF002D



24DB5E



6E6365



AD001E

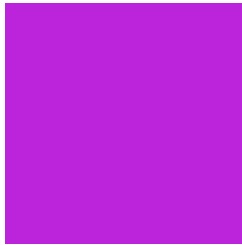


2E0008



# Previews

## White Background



This preview shows how the Hex color BB24DB looks on a white background.

## Color Contrast Check

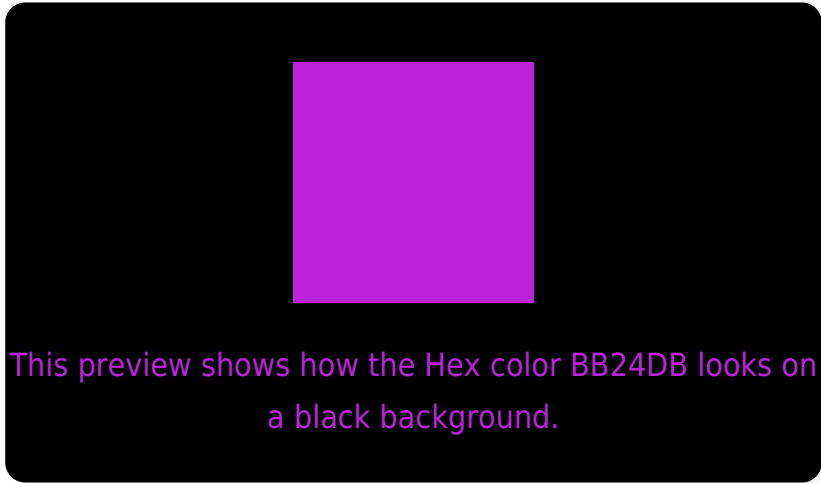
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

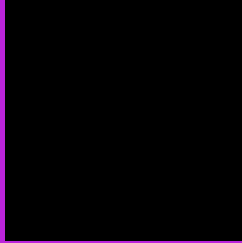
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BB24DB Background



This preview shows how black text looks on a background with the Hex color BB24DB.

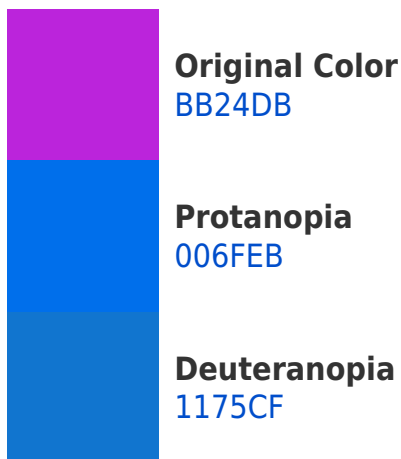


This preview shows how white text looks on a background with the Hex color BB24DB.

# 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](#).

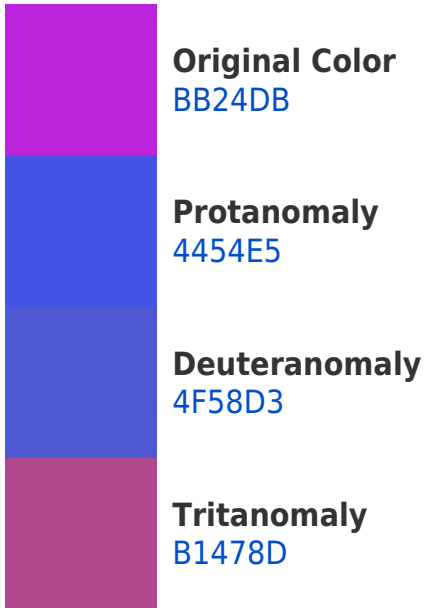
## Dichromacy



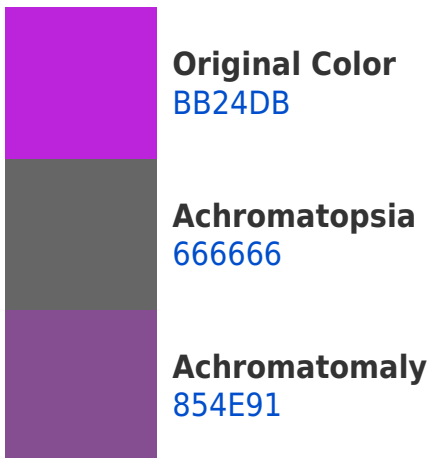


**Tritanopia**  
AB5B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB24DB 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 #BB24DB looks like.

```
.text, #text, p{  
    color:#BB24DB  
}
```

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 #BB24DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB24DB
}
```

## Border

The CSS property to change the border of an element to Hex BB24DB 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".

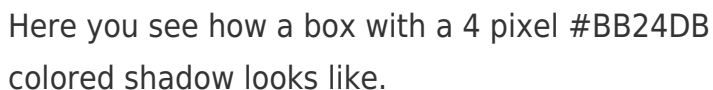
```
.border, #border, table{ border:4px solid
#BB24DB }
```

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

```
.border{ border-color:#BB24DB }
```

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

Here you see how a box with a 4 pixel #BB24DB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB24DB; -webkit-box-shadow:4px 4px  
4px 4px #BB24DB; box-shadow:4px 4px 4px  
4px #BB24DB }
```

# Background

The CSS property to change the background color of an element to Hex BB24DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB24DB }
```

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

```
.background{ background-color:#BB24DB }
```

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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