

# Converting Colors

Hex(B330DB)

Have a look what the booklet for  
Hex(B330DB) contains.

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# Color

Hex(**B330DB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B330DB
RGB	179, 48, 219
RGB Percent	70%, 19%, 86%
CMY	0.2980, 0.8118, 0.1412
CMYK	0.18, 0.78, 0.00, 0.14
HSL	286°, 70%, 52%
HSV	286°, 78%, 86%
XYZ	32.4335, 16.8121, 68.5535
YIQ	106.6630, 23.1850, 80.9530

# Conversions

## Conversions Part 2

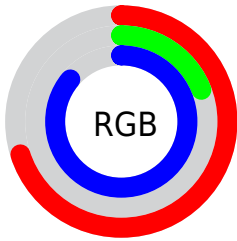
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 48, 219
Decimal	11743451
CIELab	48.02, 73.44, -61.03
CIElCh	48, 95.491, 320.272
Yxy	16.8121, 0.2753, 0.1427
Android (android.graphics.Color)	4289933531 (0xFFB330DB)
YUV	106.6630, 55.3821, 63.4395
Hunter-Lab	41.0025, 69.4414, -70.4271

# Details

The Hex color **B330DB** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **58DB30**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EF6DFF**, and **7900A3** is the 20% darker color. If you saturate the color by 10%, you get **AE1ADB**, and if you desaturate by 10%, it is **B846DB**.

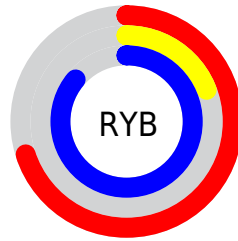
# Distribution



Red (70%)

Green (19%)

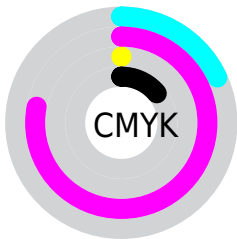
Blue (86%)



Red (70%)

Yellow (19%)

Blue (86%)

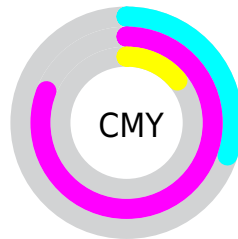


Cyan (18%)

Magenta (78%)

Yellow (0%)

Black (14%)



Cyan (30%)

Magenta (81%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B330DB 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 B330DB by changing the saturation by 10% instead.



 B330DB

 B330DB

FFFFFF

 9600BF

 EF6DFF

 7900A3

 FF8AFF

 5C0088

 FFA7FF

 3F006E

 FFC4FF

 230055

 FFE1FF

 00003C

 000225

 00010E

 000000

 B330DB

 B330DB

 AE1ADB

 B846DB

 A904DB

 BD5CDB

 A800DB

 C272DB

 C788DB

 CD9DDB

 D2B3DB

 D7C9DB

 DCDFDB

 E1F5DB

# Harmonies

## Analogous

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



006AFF



B330DB



EE0090

# Triad

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



B330DB



A16600



0091A8

# Complementary

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



B330DB



58DB30

# 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.



008F54



B330DB



577E00

# Square

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



B330DB



D73300



008A00



0090EF

# Rectangle

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



B330DB



F7005B



008A00



00918D



# Sweetspot

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



B330DB



F1C4FF



305BDB



775C80



000000



808080



# Same Dimension

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



B330DB



C70FFF



DB30B0



6B636E



8500AD



23002E



# Inverse Universe

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



DB3058



FF0F47



30DB5B



6E6365



AD0029



2E000B



# Previews

## White Background



This preview shows how the Hex color B330DB 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

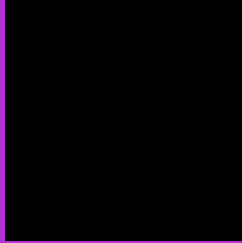
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B330DB Background



This preview shows how black text looks on a background with the Hex color B330DB.

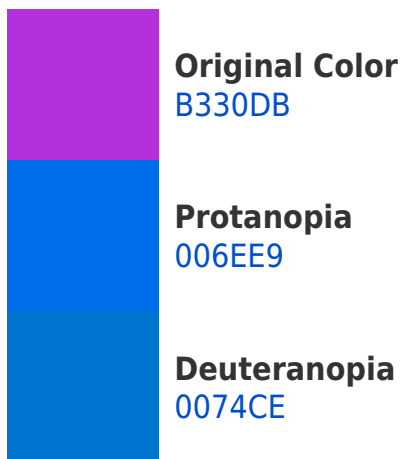


This preview shows how white text looks on a background with the Hex color B330DB.

# 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](#).

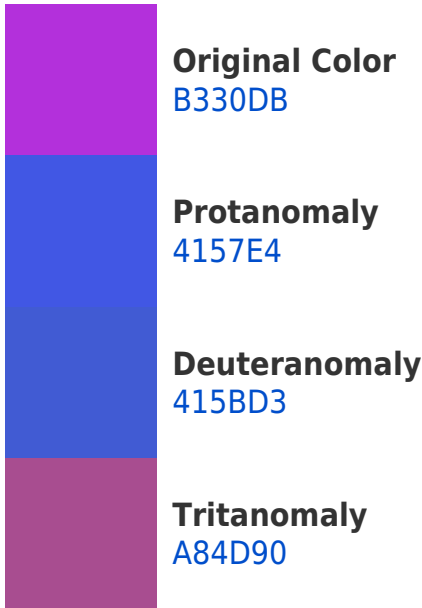
## Dichromacy



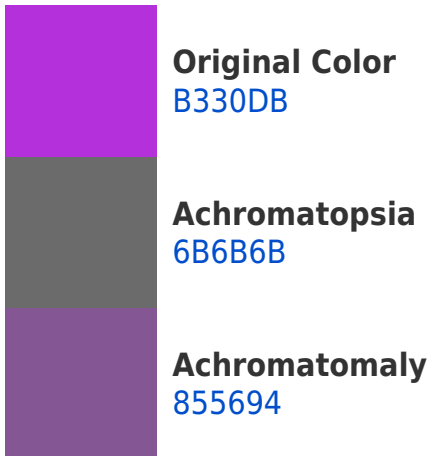


**Tritanopia**  
A25E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B330DB 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 #B330DB looks like.

```
.text, #text, p{  
    color:#B330DB  
}
```

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 #B330DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B330DB
}
```

## Border

The CSS property to change the border of an element to Hex B330DB 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
#B330DB }
```

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

```
.border{ border-color:#B330DB }
```

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

Here you see how a box with a 4 pixel #B330DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B330DB; -webkit-box-shadow:4px 4px  
4px 4px #B330DB; box-shadow:4px 4px 4px  
4px #B330DB }
```

# Background

The CSS property to change the background color of an element to Hex B330DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B330DB }
```

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

```
.background{ background-color:#B330DB }
```

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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