

# Converting Colors

Hex(BE4DEE)

Have a look what the booklet for  
Hex(BE4DEE) contains.

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# Color

Hex(**BE4DEE**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4DEE
RGB	190, 77, 238
RGB Percent	75%, 30%, 93%
CMY	0.2549, 0.6980, 0.0667
CMYK	0.20, 0.68, 0.00, 0.07
HSL	282°, 83%, 62%
HSV	282°, 68%, 93%
XYZ	39.3217, 22.4280, 83.1455
YIQ	129.1410, 15.6670, 74.0270

# Conversions

## Conversions Part 2

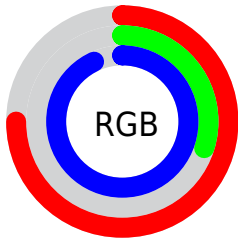
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	190, 77, 238
Decimal	12471790
CIE <sub>Lab</sub>	54.48, 68.78, -61.29
CIE <sub>LCh</sub>	54, 92.126, 318.295
Yxy	22.4280, 0.2714, 0.1548
Android (android.graphics.Color)	4290661870 (0xFFBE4DEE)
YUV	129.1410, 53.6675, 53.3733
Hunter-Lab	47.3582, 65.3326, -70.9432

# Details

The Hex color **BE4DEE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **7DEE4D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FA86FF**, and **8400B5** is the 20% darker color. If you saturate the color by 10%, you get **B735EE**, and if you desaturate by 10%, it is **C565EE**.

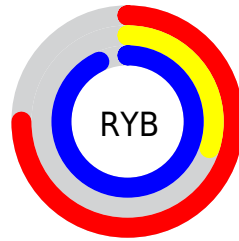
# Distribution



Red (75%)

Green (30%)

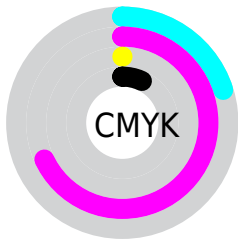
Blue (93%)



Red (75%)

Yellow (30%)

Blue (93%)

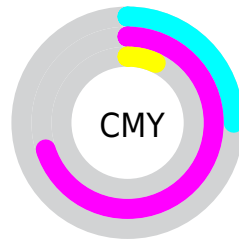


Cyan (20%)

Magenta (68%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (70%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4DEE 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 BE4DEE by changing the saturation by 10% instead.



 BE4DEE

 BE4DEE

FFFFFF

 A12FD1

 FA86FF

 8400B5

 FFA2FF

 67009A

 FFBFFF

 4B007F

 FFDCFF

 2D0065

 FFF9FF

 08004C

 000334

 00021E

 000000

 BE4DEE

 BE4DEE

 B735EE

 C565EE

 B01DEE

 CC7DEE

 A906EE

 D394EE

 A700EE

 DAACEE

 E1C4EE

 E9DCEE

 F0F4EE

 F7FFEE

 FEFEE

# Harmonies

## Analogous

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



007CFF



BE4DEE



FC00A5

# Triad

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



BE4DEE



B87400



00A3B3

# Complementary

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



BE4DEE



7DEE4D

# 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.



00A15F



BE4DEE



718D00

# Square

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



BE4DEE



ED4700



009B00



00A1F9

# Rectangle

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



BE4DEE



FF0070



009B00



00A297



# Sweetspot

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



BE4DEE



F0CCFF



4D7DEE



766180



000000



808080



# Same Dimension

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



BE4DEE



C130FF



EE4DCE



746C78



8100B8



270038



# Inverse Universe

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



EE4D7D



FF306E



4DEE6D



786C6F



B80037

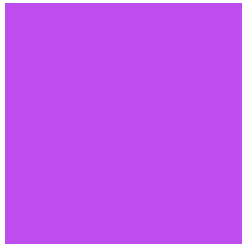


380011



# Previews

## White Background



This preview shows how the Hex color BE4DEE 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

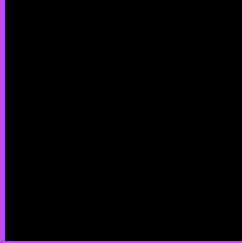
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE4DEE Background



This preview shows how black text looks on a background with the Hex color BE4DEE.



This preview shows how white text looks on a background with the Hex color BE4DEE.

# 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](#).

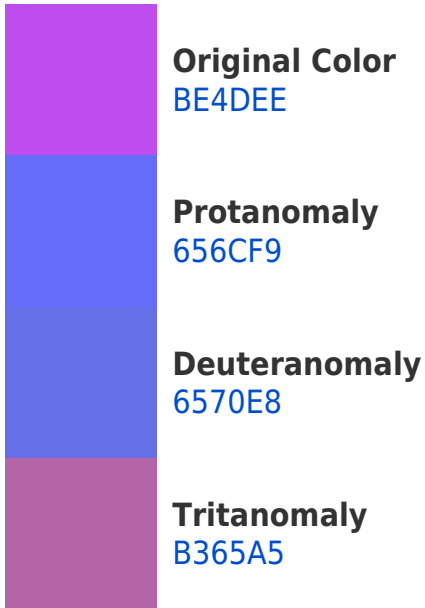
## Dichromacy



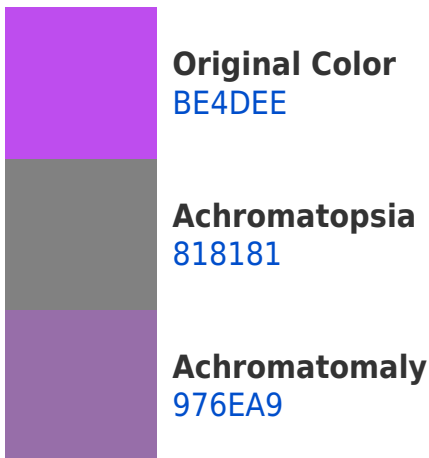


**Tritanopia**  
AC727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4DEE 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 #BE4DEE looks like.

```
.text, #text, p{  
    color:#BE4DEE  
}
```

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 #BE4DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4DEE
}
```

## Border

The CSS property to change the border of an element to Hex BE4DEE 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
#BE4DEE }
```

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

```
.border{ border-color:#BE4DEE }
```

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

Here you see how a box with a 4 pixel #BE4DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4DEE; -webkit-box-shadow:4px 4px  
4px 4px #BE4DEE; box-shadow:4px 4px 4px  
4px #BE4DEE }
```

# Background

The CSS property to change the background color of an element to Hex BE4DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4DEE }
```

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

```
.background{ background-color:#BE4DEE }
```

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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