

# Converting Colors

Hex(BE49F8)

Have a look what the booklet for  
Hex(BE49F8) contains.

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# Color

Hex(**BE49F8**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BE49F8
RGB	190, 73, 248
RGB Percent	75%, 29%, 97%
CMY	0.2549, 0.7137, 0.0275
CMYK	0.23, 0.71, 0.00, 0.03
HSL	280°, 93%, 63%
HSV	280°, 71%, 97%
XYZ	40.5610, 22.4895, 91.0101
YIQ	127.9330, 13.5570, 79.2290

# Conversions

## Conversions Part 2

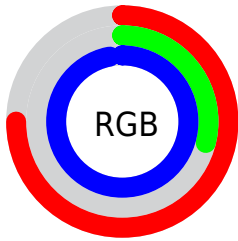
Format	Color
R <sub>YB</sub>	190, 73, 248
Decimal	12470776
CIE Lab	54.54, 72.38, -66.77
CIE LCh	55, 98.471, 317.306
Yxy	22.4895, 0.2633, 0.1460
Android (android.graphics.Color)	4290660856 (0xFFBE49F8)
YUV	127.9330, 59.1930, 54.4328
Hunter-Lab	47.4231, 69.6806, -80.5876

# Details

The Hex color **BE49F8** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **83F849**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FA82FF**, and **8300BF** is the 20% darker color. If you saturate the color by 10%, you get **B630F8**, and if you desaturate by 10%, it is **C662F8**.

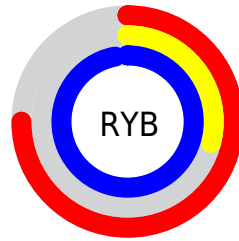
# Distribution



Red (75%)

Green (29%)

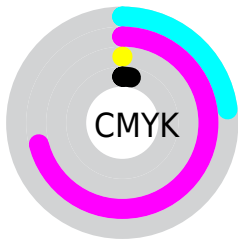
Blue (97%)



Red (75%)

Yellow (29%)

Blue (97%)

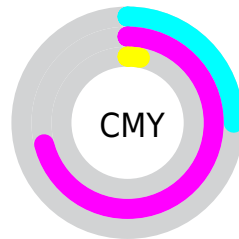


Cyan (23%)

Magenta (71%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (71%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE49F8 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 BE49F8 by changing the saturation by 10% instead.



 BE49F8

 BE49F8

FFFFFF

 A029DB

 FA82FF

 8300BF

 FF9FFF

 6600A3

 FFBCFF

 480088

 FFD9FF

 29006D

 FFF7FF

 000054

 00013C

 000225

 00010D

 BE49F8

 BE49F8

 B630F8

 C662F8

 AE17F8

 CE7BF8

 A600F8

 D793F8

 DFACF8

 E7C5F8

 EFDEF8

 F8F7F8

 FFFFF8

# Harmonies

## Analogous

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



007DFF



BE49F8



FF00AA

# Triad

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



BE49F8



BC7200



00A4B3

# Complementary

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



BE49F8



83F849

# 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.



00A25A



BE49F8



718E00

# Square

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



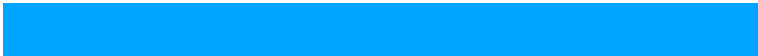
BE49F8



F43D00



009C00



00A3FF

# Rectangle

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



BE49F8



FF0072



009C00



00A496



# Sweetspot

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



BE49F8



EDC9FF



4983F8



756080



000000



808080



# Same Dimension

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



BE49F8



B726FF



F849DB



79707D



7E00BD



29003D



# Inverse Universe

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



F84983



FF266E



49F866



7D7075



BD003F

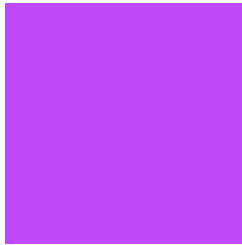


3D0014



# Previews

## White Background



This preview shows how the Hex color BE49F8 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

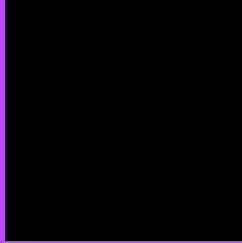
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE49F8 Background



This preview shows how black text looks on a background with the Hex color BE49F8.




This preview shows how white text looks on a background with the Hex color BE49F8.

# 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**  
AA737C

# Trichromacy



**Original Color**  
BE49F8



**Protanomaly**  
656BFC



**Deuteranomaly**  
456FF0



**Tritanomaly**  
B164A9

# Monochromacy



**Original Color**  
BE49F8



**Achromatopsia**  
808080



**Achromatomaly**  
976CAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE49F8 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 #BE49F8 looks like.

```
.text, #text, p{  
    color:#BE49F8  
}
```

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 #BE49F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE49F8
}
```

## Border

The CSS property to change the border of an element to Hex BE49F8 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
#BE49F8 }
```

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

```
.border{ border-color:#BE49F8 }
```

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

Here you see how a box with a 4 pixel #BE49F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE49F8; -webkit-box-shadow:4px 4px  
4px 4px #BE49F8; box-shadow:4px 4px 4px  
4px #BE49F8 }
```

# Background

The CSS property to change the background color of an element to Hex BE49F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE49F8 }
```

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

```
.background{ background-color:#BE49F8 }
```

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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