

# Converting Colors

Hex(B49BEF)

Have a look what the booklet for  
Hex(B49BEF) contains.

<b>Hex(B49BEF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B49BEF)

# Conversions

## Conversions Part 1

Format	Color
Hex	B49BEF
RGB	180, 155, 239
RGB Percent	71%, 61%, 94%
CMY	0.2941, 0.3922, 0.0627
CMYK	0.25, 0.35, 0.00, 0.06
HSL	258°, 72%, 77%
HSV	258°, 35%, 94%
XYZ	46.1237, 39.3780, 86.8311
YIQ	172.0510, -12.0640, 31.4240

# Conversions

## Conversions Part 2

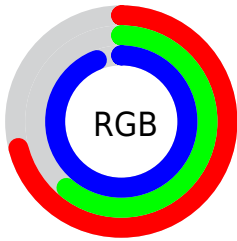
Format	Color
<a href="#">RYB</a>	<a href="#">180, 155, 239</a>
Decimal	<a href="#">11836399</a>
CIELab	<a href="#">69.02, 26.43, -38.87</a>
CIElCh	<a href="#">69, 47.009, 304.213</a>
Yxy	<a href="#">39.3780, 0.2676, 0.2285</a>
Android (android.graphics.Color)	<a href="#">4290026479</a> ( <a href="#">0xFFB49BEF</a> )
YUV	<a href="#">172.0510, 33.0059, 6.9713</a>
Hunter-Lab	<a href="#">62.7519, 21.3848, -38.1145</a>

# Details

The Hex color **B49BEF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D6EF9B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EDD2FF**, and **7D68B7** is the 20% darker color. If you saturate the color by 10%, you get **A383EF**, and if you desaturate by 10%, it is **C5B3EF**.

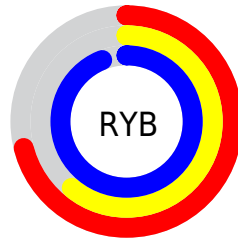
# Distribution



Red (71%)

Green (61%)

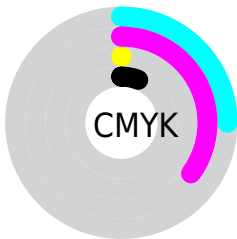
Blue (94%)



Red (71%)

Yellow (61%)

Blue (94%)

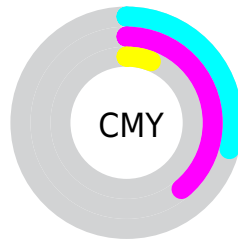


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (39%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B49BEF 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 B49BEF by changing the saturation by 10% instead.



 B49BEF

 B49BEF

FFFFFF

 9881D2

 EDD2FF

 7D68B7

 FFEEFF

 634F9C

 493881

 2F2268

 140D4F

 000038

 000221

 000007

 B49BEF

 B49BEF

 A383EF

 C5B3EF

 926BEF

 D6CBEF

 8253EF

 E6E3EF

 713BEF

 F7FB EF

 6024EF

 FFFFEF

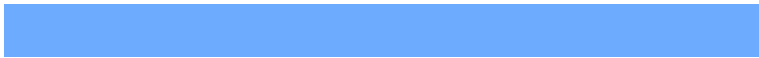
 4F0CEF

 4700EF

# Harmonies

## Analogous

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



6CABFD



B49BEF



E28CCE

# Triad

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



B49BEF



E0995C



00BEAD

# Complementary

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



B49BEF



D6EF9B

# 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.



58BB82



B49BEF



BDA851

# Square

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



B49BEF



F68B7B



90B460



00BDD7

# Rectangle

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



B49BEF



F386B3



90B460



12BE9E



# Sweetspot

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



B49BEF



EBE3FF



9BD7EF



746F80



000000



808080



# Same Dimension

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



B49BEF



B494FF



DD9BEF



6F6C78



3700B8



110038



# Inverse Universe

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



EF9BD6



FF94DF



ADEF9B



786C74



B80081

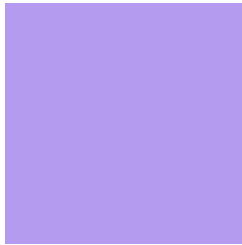


380027



# Previews

## White Background



This preview shows how the Hex color B49BEF looks on a white background.

## Color Contrast Check

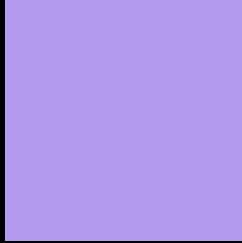
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B49BEF looks on a 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 ✓ Pass

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



## Hex B49BEF Background



This preview shows how black text looks on a background with the Hex color B49BEF.



This preview shows how white text looks on a background with the Hex color B49BEF.

# 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](#).

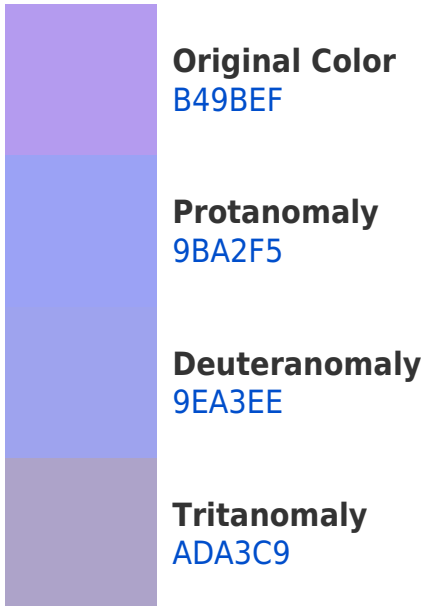
## Dichromacy



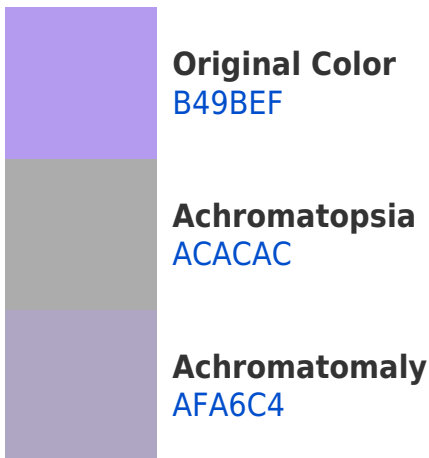


**Tritanopia**  
A9A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B49BEF 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 #B49BEF looks like.

```
.text, #text, p{  
    color:#B49BEF  
}
```

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 #B49BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49BEF
}
```

## Border

The CSS property to change the border of an element to Hex B49BEF 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
#B49BEF }
```

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

```
.border{ border-color:#B49BEF }
```

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

Here you see how a box with a 4 pixel #B49BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49BEF; -webkit-box-shadow:4px 4px  
4px 4px #B49BEF; box-shadow:4px 4px 4px  
4px #B49BEF }
```

# Background

The CSS property to change the background color of an element to Hex B49BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49BEF }
```

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

```
.background{ background-color:#B49BEF }
```

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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