

Converting Colors

Hex(B49CED)

Have a look what the booklet for
Hex(B49CED) contains.

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Color

Hex(B49CED)

Conversions

Conversions Part 1

Format	Color
Hex	B49CED
RGB	180, 156, 237
RGB Percent	71%, 61%, 93%
CMY	0.2941, 0.3882, 0.0706
CMYK	0.24, 0.34, 0.00, 0.07
HSL	258°, 69%, 77%
HSV	258°, 34%, 93%
XYZ	45.9969, 39.5947, 85.3390
YIQ	172.4100, -11.6970, 30.2790

Conversions

Conversions Part 2

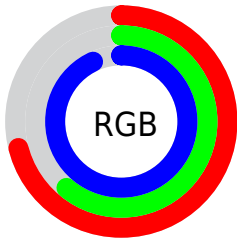
Format	Color
RYB	180, 156, 237
Decimal	11836653
CIELab	69.18, 25.40, -37.54
CIELCh	69, 45.324, 304.085
Yxy	39.5947, 0.2691, 0.2316
Android (android.graphics.Color)	4290026733 (0xFFB49CED)
YUV	172.4100, 31.8429, 6.6564
Hunter-Lab	62.9243, 20.3639, -36.3631

Details

The Hex color **B49CED** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D5ED9C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EDD3FF**, and **7E69B5** is the 20% darker color. If you saturate the color by 10%, you get **A384ED**, and if you desaturate by 10%, it is **C5B4ED**.

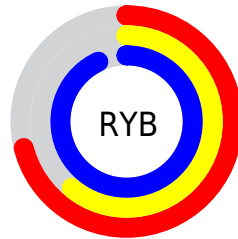
Distribution



Red (71%)

Green (61%)

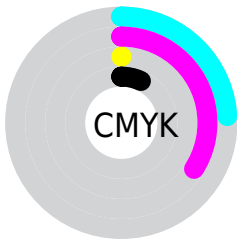
Blue (93%)



Red (71%)

Yellow (61%)

Blue (93%)

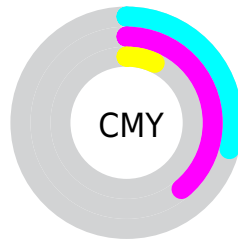


Cyan (24%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B49CED 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 B49CED by changing the saturation by 10% instead.

 B49CED

FFFFFF

 EDD3FF

 FFEFFF

 B49CED

 9882D1

 7E69B5

 63509A

 4A397F

 302366

 150E4E

 000036

 000220

 000004

 B49CED

 B49CED

 A384ED

 C5B4ED

 936DED

 D5CBED

 8255ED

 E6E3ED

 713DED

 F7FBED

 6126ED

 FFFFED

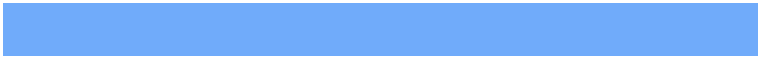
 500EED

 4600ED

Harmonies

Analogous

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



70ABFA



B49CED



E18ECE

Triad

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



B49CED



DF9A5F



00BEAD

Complementary

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



B49CED



D5ED9C

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.



5DBB84



B49CED



BDA855

Square

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



B49CED



F48D7D



92B463



00BDD6

Rectangle

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



B49CED



F188B3



92B463



26BE9F

Sweetspot

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



B49CED



EDE6FF



9CD6ED



757080



000000



808080

Same Dimension

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



B49CED



B596FF



DB9CED



6D6A75



3600B5



100036

Inverse Universe

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



ED9CD5



FF96E0



AEED9C



756A72



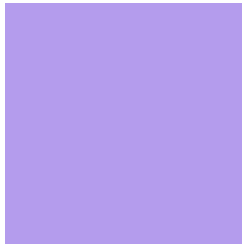
B5007F



360026

Previews

White Background



This preview shows how the Hex color B49CED looks on a white background.

Color Contrast Check

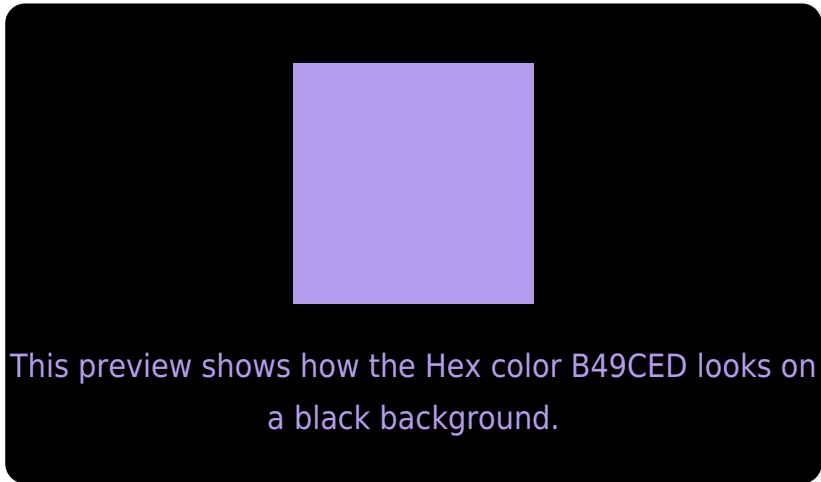
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B49CED Background



This preview shows how black text looks on a background with the Hex color B49CED.

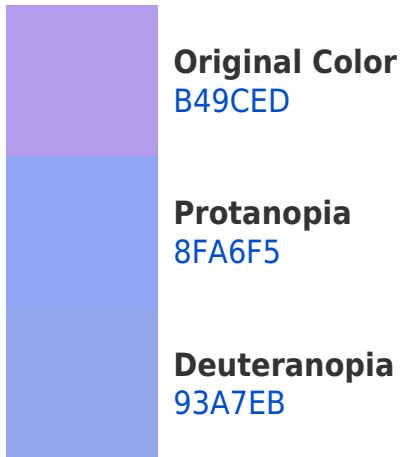


This preview shows how white text looks on a background with the Hex color B49CED.

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](#).

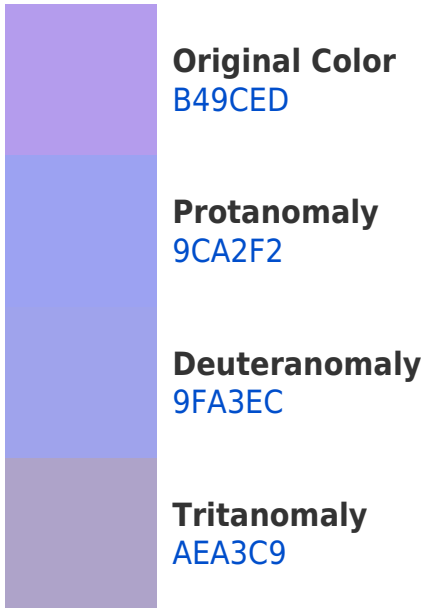
Dichromacy



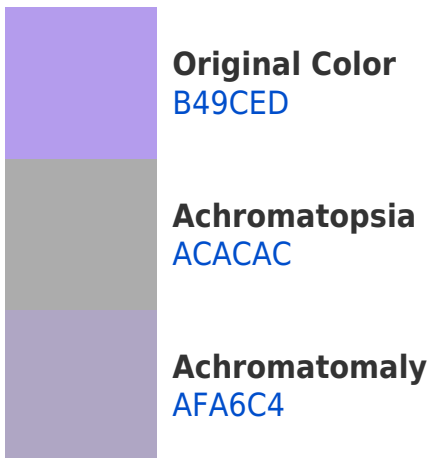


Tritanopia
AAA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B49CED 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 #B49CED looks like.

```
.text, #text, p{  
    color:#B49CED  
}
```

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 #B49CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49CED
}
```

Border

The CSS property to change the border of an element to Hex B49CED 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
#B49CED }
```

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

```
.border{ border-color:#B49CED }
```

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

Here you see how a box with a 4 pixel #B49CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49CED; -webkit-box-shadow:4px 4px  
4px 4px #B49CED; box-shadow:4px 4px 4px  
4px #B49CED }
```

Background

The CSS property to change the background color of an element to Hex B49CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49CED }
```

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

```
.background{ background-color:#B49CED }
```

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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