

# Converting Colors

Hex(C49EBA)

Have a look what the booklet for  
Hex(C49EBA) contains.

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# **Color**

**Hex(C49EBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49EBA
RGB	196, 158, 186
RGB Percent	77%, 62%, 73%
CMY	0.2314, 0.3804, 0.2706
CMYK	0.00, 0.19, 0.05, 0.23
HSL	316°, 24%, 69%
HSV	316°, 19%, 77%
XYZ	43.8547, 39.7347, 51.8125
YIQ	172.5540, 13.6600, 16.7640

# Conversions

## Conversions Part 2

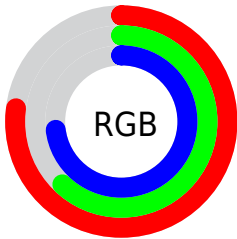
Format	Color
<a href="#">RYB</a>	<a href="#">196, 158, 186</a>
Decimal	<a href="#">12885690</a>
CIELab	<a href="#">69.28, 18.78, -9.11</a>
CIELCh	<a href="#">69, 20.869, 334.124</a>
Yxy	<a href="#">39.7347, 0.3239, 0.2935</a>
Android (android.graphics.Color)	<a href="#">4291075770 (0xFFC49EBA)</a>
YUV	<a href="#">172.5540, 6.6289, 20.5621</a>
Hunter-Lab	<a href="#">63.0354, 13.8732, -4.6091</a>

# Details

The Hex color **C49EBA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9EC4A8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FDD5F2**, and **8E6A85** is the 20% darker color. If you saturate the color by 10%, you get **C48AB5**, and if you desaturate by 10%, it is **C4B2BF**.

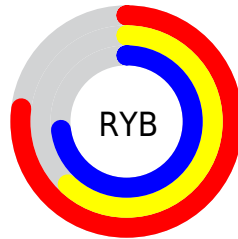
# Distribution



Red (77%)

Green (62%)

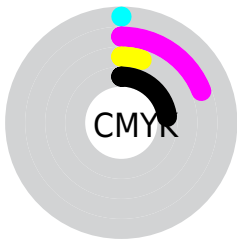
Blue (73%)



Red (77%)

Yellow (62%)

Blue (73%)

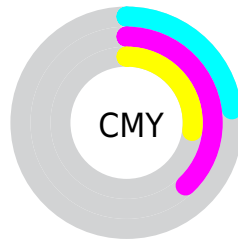


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49EBA 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 C49EBA by changing the saturation by 10% instead.



 C49EBA

 C49EBA

FFFFFF

 A9849F

 FDD5F2

 8E6A85

 FFF1FF

 74526C

 5B3B53

 43243C

 2C0F26

 190012

 000000

 C49EBA

 C49EBA

 C48AB5

 C4B2BF

 C477B0

 C4C5C4

 C463AB

 C4D9C9

 C450A5

 C4ECCF

 C43CA0

 C4FFD4

 C4289B

 C4FFD9

 C41596

 C4FFDE

 C40191

 C4FFE3

 C40090

 C4FFE8

# Harmonies

## Analogous

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



B0A3C8



C49EBA



CF9CA7

# Triad

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



C49EBA



B5A984



75B3BE

# Complementary

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



C49EBA



9EC4A8

# 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.



7AB4AB



C49EBA



A0AE8A

# Square

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



C49EBA



C6A288



8BB298



80B0CB

# Rectangle

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



C49EBA



D09C9B



8BB298



75B4B8



# Sweetspot

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



C49EBA



FFF0FB



A89EC4



80777D



000000



808080



# Same Dimension

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



C49EBA



FFC4F0



C49EA8



61575E



A10076



210018



# Inverse Universe

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



C49EBA



FFC4F0



9EC4BB



61575E



A10076

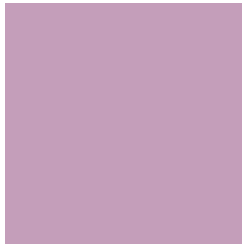


210018



# Previews

## White Background



This preview shows how the Hex color C49EBA looks on a white background.

## Color Contrast Check

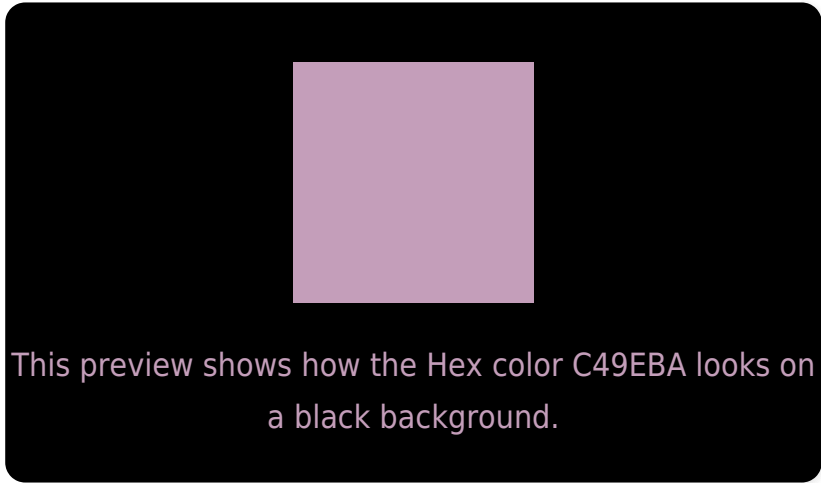
Large Text (above 18pt) WCAG AA × Fail

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

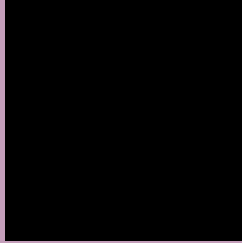
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C49EBA Background



This preview shows how black text looks on a background with the Hex color C49EBA.



This preview shows how white text looks on a background with the Hex color C49EBA.

# 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



**Original Color**  
C49EBA

**Protanopia**  
A5A8C0

**Deuteranopia**  
B3A5B9



**Tritanopia**  
C2A0AD

# Trichromacy



**Original Color**  
C49EBA

**Protanomaly**  
B0A4BE

**Deuteranomaly**  
B9A2B9

**Tritanomaly**  
C39FB2

# Monochromacy



**Original Color**  
C49EBA

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B5A8B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49EBA 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 #C49EBA looks like.

```
.text, #text, p{  
    color:#C49EBA  
}
```

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 #C49EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49EBA
}
```

## Border

The CSS property to change the border of an element to Hex C49EBA 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
#C49EBA }
```

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

```
.border{ border-color:#C49EBA }
```

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

Here you see how a box with a 4 pixel #C49EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49EBA; -webkit-box-shadow:4px 4px  
4px 4px #C49EBA; box-shadow:4px 4px 4px  
4px #C49EBA }
```

# Background

The CSS property to change the background color of an element to Hex C49EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49EBA }
```

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

```
.background{ background-color:#C49EBA }
```

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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