

Converting Colors

Hex(CC99E9)

Have a look what the booklet for
Hex(CC99E9) contains.

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Color

Hex(CC99E9)

Conversions

Conversions Part 1

Format	Color
Hex	CC99E9
RGB	204, 153, 233
RGB Percent	80%, 60%, 91%
CMY	0.2000, 0.4000, 0.0863
CMYK	0.12, 0.34, 0.00, 0.09
HSL	278°, 65%, 76%
HSV	278°, 34%, 91%
XYZ	51.0011, 41.5030, 82.4136
YIQ	177.3690, 4.7160, 35.6920

Conversions

Conversions Part 2

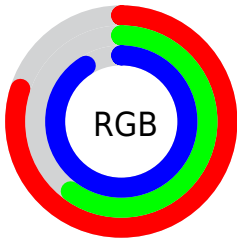
Format	Color
RYB	204, 153, 233
Decimal	13408745
CIELab	70.53, 33.34, -33.08
CIELCh	71, 46.970, 315.223
Yxy	41.5030, 0.2916, 0.2373
Android (android.graphics.Color)	4291598825 (0xFFCC99E9)
YUV	177.3690, 27.4261, 23.3554
Hunter-Lab	64.4228, 28.5715, -30.7514

Details

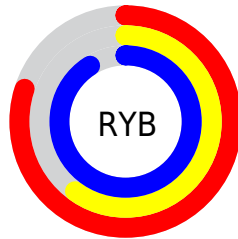
The Hex color **CC99E9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B6E999**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD0FF**, and **9565B1** is the 20% darker color. If you saturate the color by 10%, you get **C482E9**, and if you desaturate by 10%, it is **D4B0E9**.

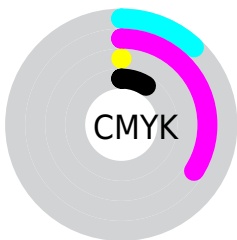
Distribution



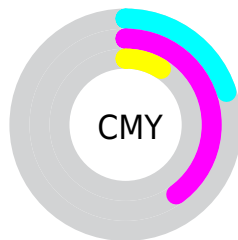
- Red (80%)
- Green (60%)
- Blue (91%)



- Red (80%)
- Yellow (60%)
- Blue (91%)



- Cyan (12%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC99E9 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 CC99E9 by changing the saturation by 10% instead.

 CC99E9

 CC99E9

FFFFFF

 B07FCD

 FFD0FF

 9565B1

 FFECFF

 7A4C96

 60357C

 471D63

 2E054A

 1C0034

 00021D

 000000

 CC99E9

 CC99E9

 C482E9

 D4B0E9

 BB6AE9

 DDC8E9

 B353E9

 E5DFE9

 AA3CE9

 EE66E9

 A225E9

 F6FFE9

 990DE9

 FFFFE9

 9500E9

Harmonies

Analogous

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



8EA9FF



CC99E9



F18CC3

Triad

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



CC99E9



D9A359



00C3C2

Complementary

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



CC99E9



B6E999

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.



41C195



CC99E9



B1B157

Square

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



CC99E9



F49472



81BB6E



00BFE8

Rectangle

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



CC99E9



FC89A7



81BB6E



00C3B3

Sweetspot

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



CC99E9



F6E6FF



99B6E9



7A7080



000000



808080

Same Dimension

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



CC99E9



D996FF



E999DE



716A75



7300B5



220036

Inverse Universe

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



E999B6



FF96BC



99E9A4



756A6E



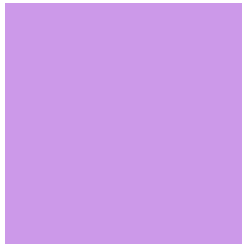
B50042



360013

Previews

White Background



This preview shows how the Hex color CC99E9 looks on a white background.

Color Contrast Check

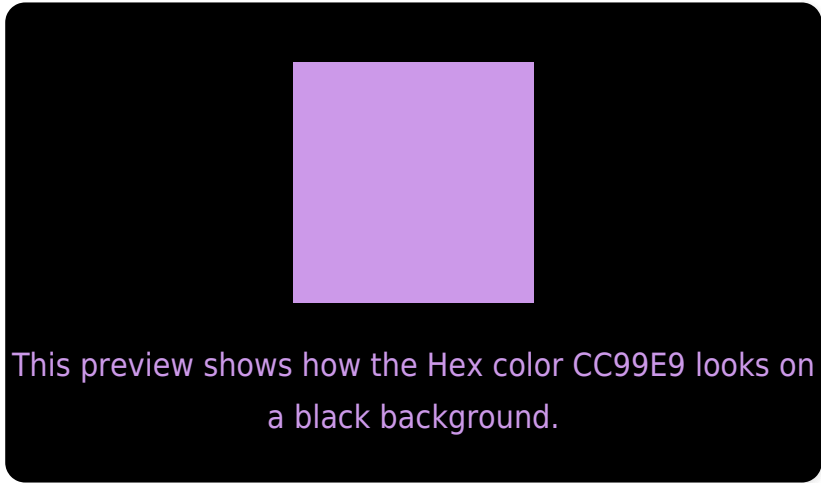
Large Text (above 18pt) WCAG AA × Fail

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 CC99E9 Background



This preview shows how black text looks on a background with the Hex color CC99E9.

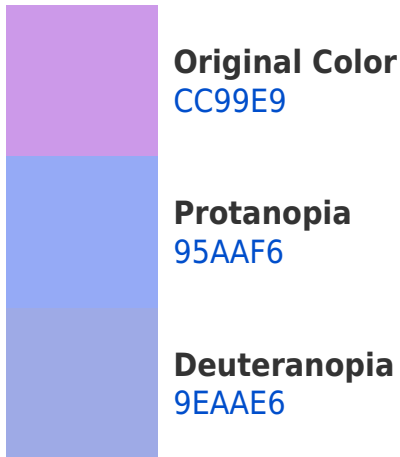


This preview shows how white text looks on a background with the Hex color CC99E9.

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](#).

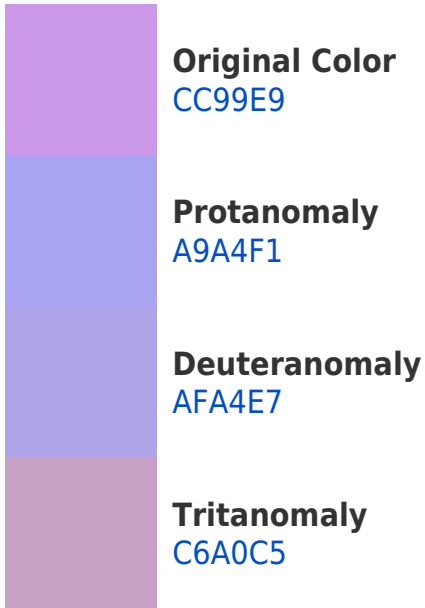
Dichromacy



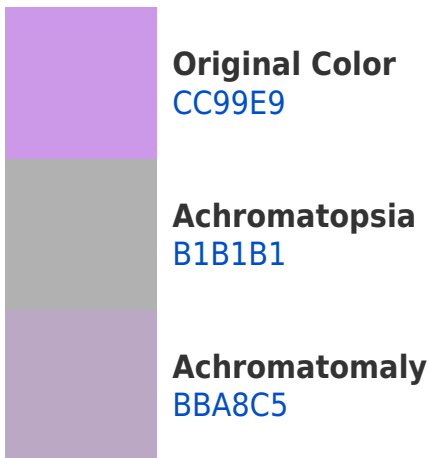


Tritanopia
C3A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC99E9 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 #CC99E9 looks like.

```
.text, #text, p{  
    color:#CC99E9  
}
```

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 #CC99E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC99E9
}
```

Border

The CSS property to change the border of an element to Hex CC99E9 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
#CC99E9 }
```

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

```
.border{ border-color:#CC99E9 }
```

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

Here you see how a box with a 4 pixel #CC99E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC99E9; -webkit-box-shadow:4px 4px  
4px 4px #CC99E9; box-shadow:4px 4px 4px  
4px #CC99E9 }
```

Background

The CSS property to change the background color of an element to Hex CC99E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC99E9 }
```

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

```
.background{ background-color:#CC99E9 }
```

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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