

Converting Colors

Hex(CA99CA)

Have a look what the booklet for
Hex(CA99CA) contains.

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Color

Hex(CA99CA)

Conversions

Conversions Part 1

Format	Color
Hex	CA99CA
RGB	202, 153, 202
RGB Percent	79%, 60%, 79%
CMY	0.2078, 0.4000, 0.2078
CMYK	0.00, 0.24, 0.00, 0.21
HSL	300°, 32%, 70%
HSV	300°, 24%, 79%
XYZ	46.4090, 39.6033, 61.0753
YIQ	173.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

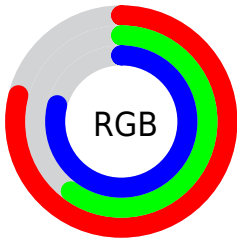
Format	Color
R _{YB}	202, 153, 202
Decimal	13277642
CIE Lab	69.19, 26.54, -18.07
CIE LCh	69, 32.109, 325.753
Yxy	39.6033, 0.3155, 0.2692
Android (android.graphics.Color)	4291467722 (0xFFCA99CA)
YUV	173.2370, 14.1802, 25.2252
Hunter-Lab	62.9311, 21.5066, -13.4897

Details

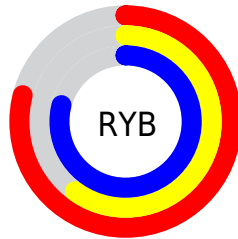
The Hex color **CA99CA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99CA99**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD0FF**, and **936594** is the 20% darker color. If you saturate the color by 10%, you get **CA85CA**, and if you desaturate by 10%, it is **CAADCA**.

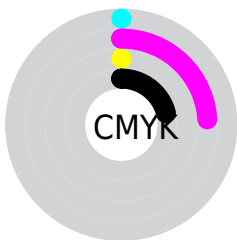
Distribution



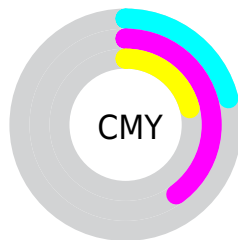
- Red (79%)
- Green (60%)
- Blue (79%)



- Red (79%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA99CA 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 CA99CA by changing the saturation by 10% instead.

■ CA99CA

■ CA99CA

FFFFFF

■ AE7FAF

■ FFD0FF

■ 936594

■ FFECFF

■ 794D7A

■ 603561

■ 471F49

■ 300832

■ 1D001E

■ 000000

■ CA99CA

■ CA99CA

 CA85CA

 CAADCA

 CA71CA

 CAC1CA

 CA5CCA

 CAD6CA

 CA48CA

 CAEACA

 CA34CA

 CAFECA

 CA20CA

 CAFFCA

 CA0CCA

 CA00CA

Harmonies

Analogous

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



A7A3DD



CA99CA



DE93AE

Triad

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



CA99CA



C1A66F



47B8C1

Complementary

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



CA99CA



99CA99

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.



5FB9A4



CA99CA



A3AF74

Square

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



CA99CA



D79C7A



81B587



53B4D8

Rectangle

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



CA99CA



E3939A



81B587



4CB9B8

Sweetspot

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



CA99CA



FFEDFF



9999CA



807580



000000



808080

Same Dimension

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



CA99CA



FFB5FF



CA99B2



665C66



A600A6



260026

Inverse Universe

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



CA99CA



FFB5FF



99CAB2



665C66



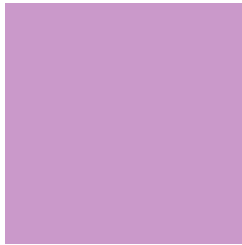
A600A6



260026

Previews

White Background



This preview shows how the Hex color CA99CA looks on a white background.

Color Contrast Check

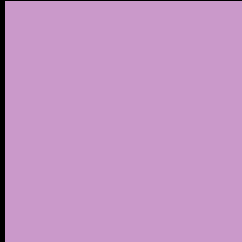
Large Text (above 18pt) WCAG AA × Fail

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 CA99CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

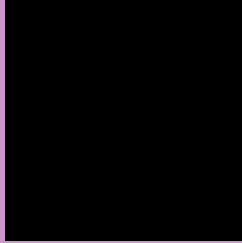
Any Text WCAG AA ✓ Pass

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 CA99CA Background



This preview shows how black text looks on a background with the Hex color CA99CA.

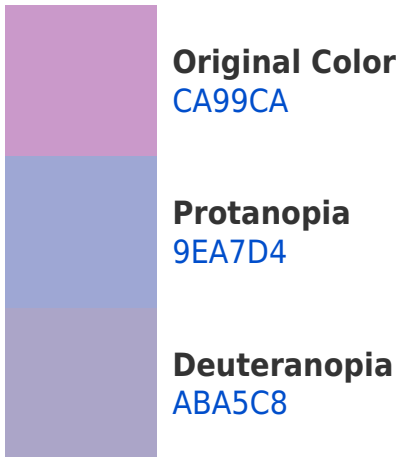


This preview shows how white text looks on a background with the Hex color CA99CA.

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
C69FAB

Trichromacy



Original Color
CA99CA



Protanomaly
AEA2D0



Deuteranomaly
B6A1C9



Tritanomaly
C79DB6

Monochromacy



Original Color
CA99CA



Achromatopsia
ADADAD



Achromatomaly
B8A6B8

CSS Examples

Text

The CSS property to change the color of the text to Hex CA99CA 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 #CA99CA looks like.

```
.text, #text, p{  
    color:#CA99CA  
}
```

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 #CA99CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA99CA
}
```

Border

The CSS property to change the border of an element to Hex CA99CA 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
#CA99CA }
```

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

```
.border{ border-color:#CA99CA }
```

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

Here you see how a box with a 4 pixel #CA99CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA99CA; -webkit-box-shadow:4px 4px  
4px 4px #CA99CA; box-shadow:4px 4px 4px  
4px #CA99CA }
```

Background

The CSS property to change the background color of an element to Hex CA99CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA99CA }
```

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

```
.background{ background-color:#CA99CA }
```

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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