

Converting Colors

Hex(CC9AE1)

Have a look what the booklet for
Hex(CC9AE1) contains.

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Color

Hex(CC9AE1)

Conversions

Conversions Part 1

Format	Color
Hex	CC9AE1
RGB	204, 154, 225
RGB Percent	80%, 60%, 88%
CMY	0.2000, 0.3961, 0.1176
CMYK	0.09, 0.32, 0.00, 0.12
HSL	282°, 54%, 74%
HSV	282°, 32%, 88%
XYZ	50.0480, 41.3848, 76.5844
YIQ	177.0440, 7.0090, 32.6810

Conversions

Conversions Part 2

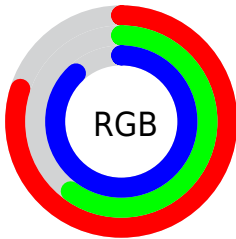
Format	Color
RYB	204, 154, 225
Decimal	13408993
CIELab	70.44, 31.15, -28.82
CIELCh	70, 42.439, 317.223
Yxy	41.3848, 0.2979, 0.2463
Android (android.graphics.Color)	4291599073 (0xFFCC9AE1)
YUV	177.0440, 23.6423, 23.6404
Hunter-Lab	64.3310, 26.2896, -25.5515

Details

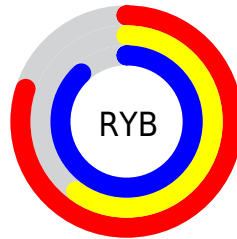
The Hex color **CC9AE1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFE19A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD1FF**, and **9566A9** is the 20% darker color. If you saturate the color by 10%, you get **C584E1**, and if you desaturate by 10%, it is **D3B1E1**.

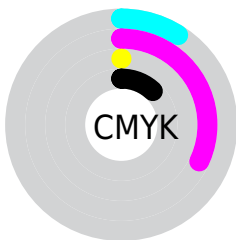
Distribution



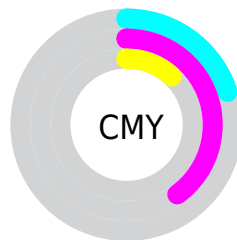
- Red (80%)
- Green (60%)
- Blue (88%)



- Red (80%)
- Yellow (60%)
- Blue (88%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC9AE1 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 CC9AE1 by changing the saturation by 10% instead.

 CC9AE1

 CC9AE1

FFFFFF

 B080C5

 FFD1FF

 9566A9

 FFEDFF

 7A4D8F

 613675

 481F5C

 300744

 1E002E

 000118

 000000

■ CC9AE1

■ CC9AE1

■ C584E1

■ D3B1E1

■ BF6DE1

■ D9C7E1

■ B857E1

■ E0DEE1

■ B140E1

■ E7F4E1

■ AB29E1

■ EDFFE1

■ A413E1

■ F4FFE1

■ 9E00E1

■ FBFFE1

■ FFFFE1

Harmonies

Analogous

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



97A8F6



CC9AE1



EC8FBE

Triad

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



CC9AE1



D3A461



00C1C2

Complementary

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



CC9AE1



AFE19A

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.



4DBF9A



CC9AE1



AFB161

Square

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



CC9AE1



ED9775



83BA76



00BDE4

Rectangle

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



CC9AE1



F68DA4



83BA76



0CC1B5

Sweetspot

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



CC9AE1



F8E8FF



9AAFE1



7B7180



000000



808080

Same Dimension

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



CC9AE1



E29EFF



E19AD3



6D6570



7C00B0



220030

Inverse Universe

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



E19AAF



FF9EBB



9AE1A8



706568



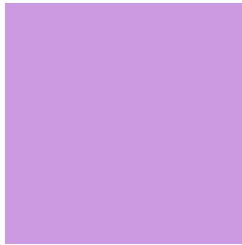
B00034



30000E

Previews

White Background



This preview shows how the Hex color CC9AE1 looks on a white background.

Color Contrast Check

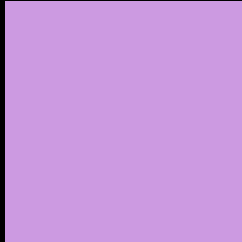
Large Text (above 18pt) WCAG AA × Fail

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 CC9AE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

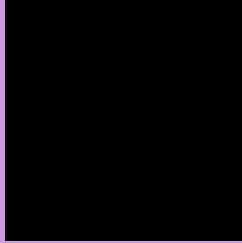
Any Text WCAG AA ✓ Pass

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 CC9AE1 Background



This preview shows how black text looks on a background with the Hex color CC9AE1.

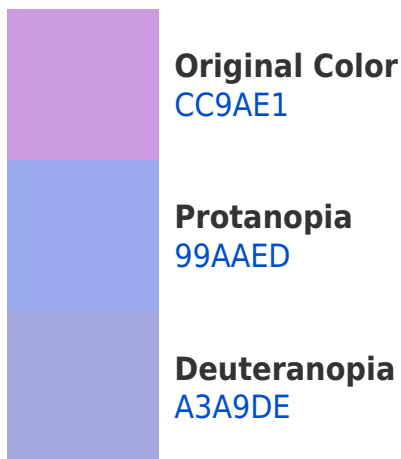


This preview shows how white text looks on a background with the Hex color CC9AE1.

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
C5A4B0

Trichromacy



Original Color
CC9AE1



Protanomaly
ACA4E9



Deuteranomaly
B2A4DF



Tritanomaly
C8A0C2

Monochromacy



Original Color
CC9AE1



Achromatopsia
B1B1B1



Achromatomaly
BBA9C2

CSS Examples

Text

The CSS property to change the color of the text to Hex CC9AE1 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 #CC9AE1 looks like.

```
.text, #text, p{  
    color:#CC9AE1  
}
```

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 #CC9AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9AE1
}
```

Border

The CSS property to change the border of an element to Hex CC9AE1 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
#CC9AE1 }
```

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

```
.border{ border-color:#CC9AE1 }
```

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

Here you see how a box with a 4 pixel #CC9AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9AE1; -webkit-box-shadow:4px 4px  
4px 4px #CC9AE1; box-shadow:4px 4px 4px  
4px #CC9AE1 }
```

Background

The CSS property to change the background color of an element to Hex CC9AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9AE1 }
```

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

```
.background{ background-color:#CC9AE1 }
```

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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