

Converting Colors

Hex(C99DD4)

Have a look what the booklet for
Hex(C99DD4) contains.

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Color

Hex(C99DD4)

Conversions

Conversions Part 1

Format	Color
Hex	C99DD4
RGB	201, 157, 212
RGB Percent	79%, 62%, 83%
CMY	0.2118, 0.3843, 0.1686
CMYK	0.05, 0.26, 0.00, 0.17
HSL	288°, 39%, 72%
HSV	288°, 26%, 83%
XYZ	48.0280, 41.2849, 67.7248
YIQ	176.4260, 8.5690, 26.4330

Conversions

Conversions Part 2

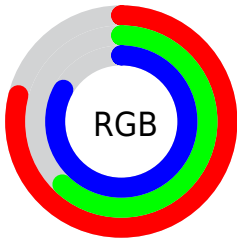
Format	Color
R _{YB}	201, 157, 212
Decimal	13213140
CIE _{Lab}	70.38, 25.94, -21.80
CIE _{LCh}	70, 33.887, 319.959
Y _{xy}	41.2849, 0.3058, 0.2629
Android (android.graphics.Color)	4291403220 (0xFFC99DD4)
YUV	176.4260, 17.5380, 21.5514
Hunter-Lab	64.2533, 20.9817, -17.5160

Details

The Hex color **C99DD4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A8D49D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD4FF**, and **92699D** is the 20% darker color. If you saturate the color by 10%, you get **C588D4**, and if you desaturate by 10%, it is **CDB2D4**.

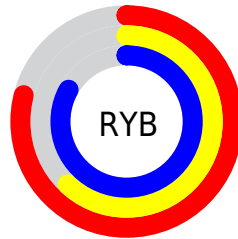
Distribution



Red (79%)

Green (62%)

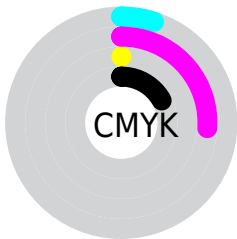
Blue (83%)



Red (79%)

Yellow (62%)

Blue (83%)

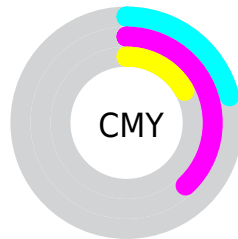


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (21%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C99DD4 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 C99DD4 by changing the saturation by 10% instead.

 C99DD4

 C99DD4

FFFFFF

 AD83B8

 FFD4FF

 92699D

 FFF0FF

 785183

 5F396A

 462251

 2F0C3A

 1E0025

 00000C

 000000

 C99DD4

 C99DD4

 C588D4

 CDB2D4

 C173D4

 D1C7D4

 BC5DD4

 D6DDD4

 B848D4

 DAF2D4

 B433D4

 DEFFD4

 B01ED4

 E2FFD4

 AB09D4

 E7FFD4

 AA00D4

 EBFFD4

 EFFF4

Harmonies

Analogous

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



A1A8E6



C99DD4



E296B8

Triad

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



C99DD4



CAA770



44BDC0

Complementary

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



C99DD4



A8D49D

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.



64BCA0



C99DD4



ACB171

Square

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



C99DD4



E09C7E



89B884



47B9DA

Rectangle

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



C99DD4



E995A3



89B884



4CBDB6

Sweetspot

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



C99DD4



FBEBFF



9DA8D4



7D7380



000000



808080

Same Dimension

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



C99DD4



EFB0FF



D49DC4



69606B



8900AB



23002B

Inverse Universe

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



D49DA8



FFB0C0



9DD4AE



6B6063



AB0022



2B0009

Previews

White Background



This preview shows how the Hex color C99DD4 looks on a white background.

Color Contrast Check

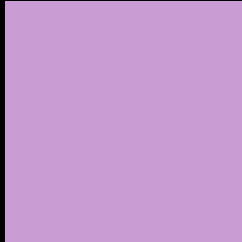
Large Text (above 18pt) WCAG AA × Fail

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 C99DD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

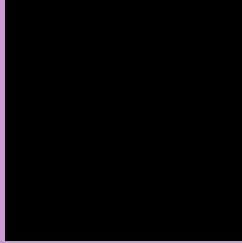
Any Text WCAG AA ✓ Pass

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 C99DD4 Background



This preview shows how black text looks on a background with the Hex color C99DD4.

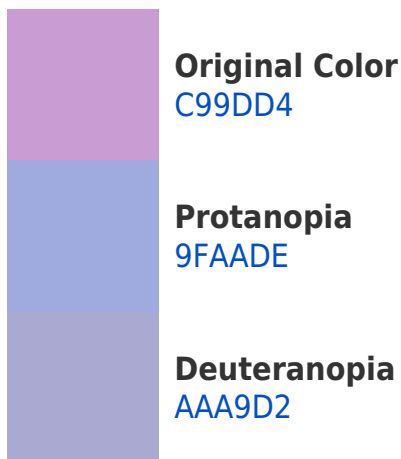


This preview shows how white text looks on a background with the Hex color C99DD4.

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](#).

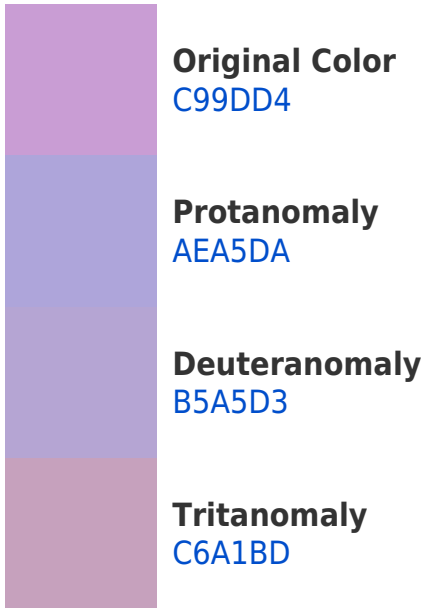
Dichromacy





Tritanopia
C4A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C99DD4 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 #C99DD4 looks like.

```
.text, #text, p{  
    color:#C99DD4  
}
```

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 #C99DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99DD4  
}
```

Border

The CSS property to change the border of an element to Hex C99DD4 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  
#C99DD4 }
```

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

```
.border{ border-color:#C99DD4 }
```

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

Here you see how a box with a 4 pixel #C99DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99DD4; -webkit-box-shadow:4px 4px  
4px 4px #C99DD4; box-shadow:4px 4px 4px  
4px #C99DD4 }
```

Background

The CSS property to change the background color of an element to Hex C99DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99DD4 }
```

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

```
.background{ background-color:#C99DD4 }
```

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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