

Converting Colors

Hex(C94DDC)

Have a look what the booklet for
Hex(C94DDC) contains.

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Color

Hex(C94DDC)

Conversions

Conversions Part 1

Format	Color
Hex	C94DDC
RGB	201, 77, 220
RGB Percent	79%, 30%, 86%
CMY	0.2118, 0.6980, 0.1373
CMYK	0.09, 0.65, 0.00, 0.14
HSL	292°, 67%, 58%
HSV	292°, 65%, 86%
XYZ	39.6595, 22.8926, 70.0386
YIQ	130.3780, 28.0010, 70.7610

Conversions

Conversions Part 2

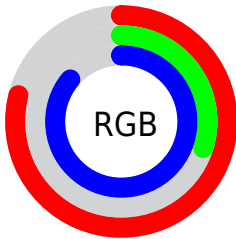
Format	Color
R_{YB}	201, 77, 220
Decimal	13192668
CIE Lab	54.96, 67.76, -50.30
CIE LCh	55, 84.388, 323.413
Yxy	22.8926, 0.2991, 0.1727
Android (android.graphics.Color)	4291382748 (0xFFC94DDC)
YUV	130.3780, 44.1836, 61.9355
Hunter-Lab	47.8462, 64.2272, -53.2980

Details

The Hex color **C94DDC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **60DC4D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF86FF**, and **8F00A4** is the 20% darker color. If you saturate the color by 10%, you get **C637DC**, and if you desaturate by 10%, it is **CC63DC**.

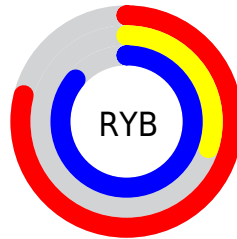
Distribution



Red (79%)

Green (30%)

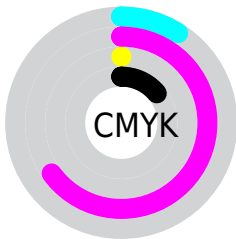
Blue (86%)



Red (79%)

Yellow (30%)

Blue (86%)

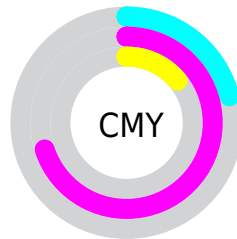


Cyan (9%)

Magenta (65%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (70%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C94DDC 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 C94DDC by changing the saturation by 10% instead.

 C94DDC

 C94DDC

FFFFFF

 AC2EC0

 FF86FF

 8F00A4

 FFA2FF

 730089

 FFBFFF

 57006F

 FFDCFF

 3C0056

 FFFAFF

 21003E

 000027

 000110

 000000

 C94DDC

 C94DDC

 C637DC

 CC63DC

 C321DC

 CF79DC

 C00BDC

 D28FDC

 BF00DC

 D5A5DC

 D8BBDC

 DBD1DC

 DDE7DC

 E0FDDC

 E3FFDC

Harmonies

Analogous

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



4B78FF



C94DDC



F91397

Triad

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



C94DDC



AD7B00



00A2BC

Complementary

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



C94DDC



60DC4D

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.



00A171



C94DDC



689100

Square

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



C94DDC



E15800



009C1E



009FF9

Rectangle

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



C94DDC



FF1066



009C1E



00A2A4

Sweetspot

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



C94DDC



F8CCFF



4D60DC



7B6180



000000



808080

Same Dimension

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



C94DDC



E538FF



DC4DA8



6C636E



9600AD



28002E

Inverse Universe

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



DC4D60



FF3853



4DDC81



6E6364



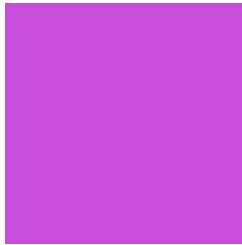
AD0017



2E0006

Previews

White Background



This preview shows how the Hex color C94DDC looks on a white background.

Color Contrast Check

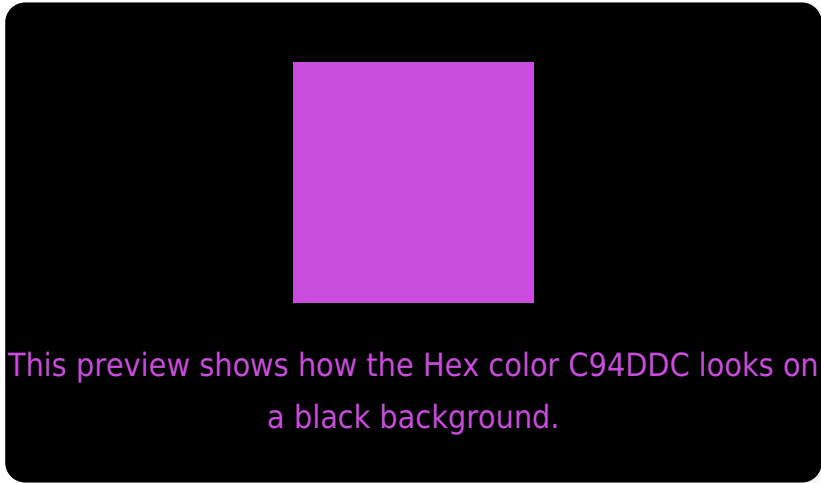
Large Text (above 18pt) WCAG AA ✓ Pass

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

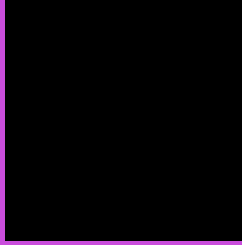
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C94DDC Background



This preview shows how black text looks on a background with the Hex color C94DDC.

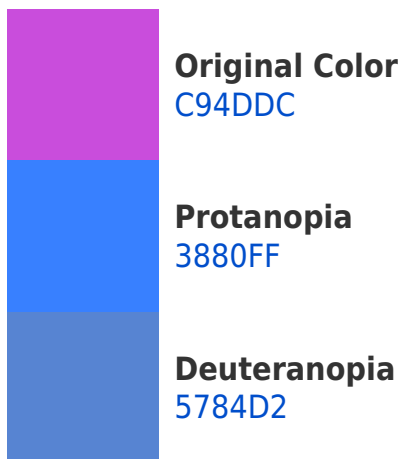


This preview shows how white text looks on a background with the Hex color C94DDC.

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
BC6D75

Trichromacy



Original Color
C94DDC



Protanomaly
6D6DF2



Deuteranomaly
8070D6



Tritanomaly
C1619A

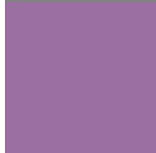
Monochromacy



Original Color
C94DDC



Achromatopsia
828282



Achromatomaly
9C6FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex C94DDC 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 #C94DDC looks like.

```
.text, #text, p{  
    color:#C94DDC  
}
```

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 #C94DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94DDC
}
```

Border

The CSS property to change the border of an element to Hex C94DDC 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
#C94DDC }
```

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

```
.border{ border-color:#C94DDC }
```

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

Here you see how a box with a 4 pixel #C94DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94DDC; -webkit-box-shadow:4px 4px  
4px 4px #C94DDC; box-shadow:4px 4px 4px  
4px #C94DDC }
```

Background

The CSS property to change the background color of an element to Hex C94DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94DDC }
```

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

```
.background{ background-color:#C94DDC }
```

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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