

Converting Colors

Hex(D94CAA)

Have a look what the booklet for
Hex(D94CAA) contains.

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Color

Hex(D94CAA)

Conversions

Conversions Part 1

Format	Color
Hex	D94CAA
RGB	217, 76, 170
RGB Percent	85%, 30%, 67%
CMY	0.1490, 0.7020, 0.3333
CMYK	0.00, 0.65, 0.22, 0.15
HSL	320°, 65%, 57%
HSV	320°, 65%, 85%
XYZ	38.4554, 22.8229, 40.4086
YIQ	128.8750, 53.8620, 59.1260

Conversions

Conversions Part 2

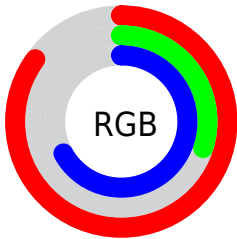
Format	Color
R _Y B	217, 76, 170
Decimal	14240938
CIE Lab	54.89, 64.25, -21.50
CIE LCh	55, 67.753, 341.496
Yxy	22.8229, 0.3782, 0.2244
Android (android.graphics.Color)	4292431018 (0xFFD94CAA)
YUV	128.8750, 20.2746, 77.2856
Hunter-Lab	47.7733, 60.0814, -16.7086

Details

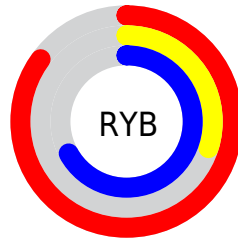
The Hex color **D94CAA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4CD97B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF85E1**, and **9E0076** is the 20% darker color. If you saturate the color by 10%, you get **D936A3**, and if you desaturate by 10%, it is **D962B1**.

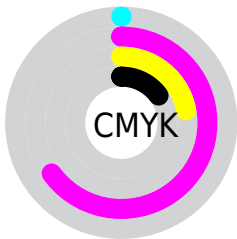
Distribution



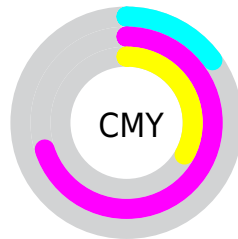
- Red (85%)
- Green (30%)
- Blue (67%)



- Red (85%)
- Yellow (30%)
- Blue (67%)



- Cyan (0%)
- Magenta (65%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D94CAA 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 D94CAA by changing the saturation by 10% instead.

 D94CAA

 D94CAA

FFFFFF

 BB2D8F

 FF85E1

 9E0076

 FFA2FE

 82005D

 FFBFFF

 660045

 FFDCFF

 4A002E

 FFFAFF

 300019

 000000

 D94CAA

 D94CAA

 D936A3

 D962B1

 D9219C

 D977B8

 D90B94

 D98DC0

 D90091

 D9A3C7

 D9B9CE

 D9CED5

 D9E4DD

 D9FAE4

 D9FFEB

Harmonies

Analogous

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



A169DC



D9CAA



EB436F

Triad

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



D94CAA



898800



009CD0

Complementary

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



D94CAA



4CD97B

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.



009E99



D94CAA



46951F

Square

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



D94CAA



BB7300



009C5C



0094F3

Rectangle

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



D9CAA



E54F4A



009C5C



009DBF

Sweetspot

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



D9CAA



FFCFEF



7B4CD9



806276



000000



808080

Same Dimension

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



D94CAA



FF38BD



D94C64



6E636A



AD0074



2E001F

Inverse Universe

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



D94CAA



FF38BD



4CD9C1



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color D94CAA looks on a white background.

Color Contrast Check

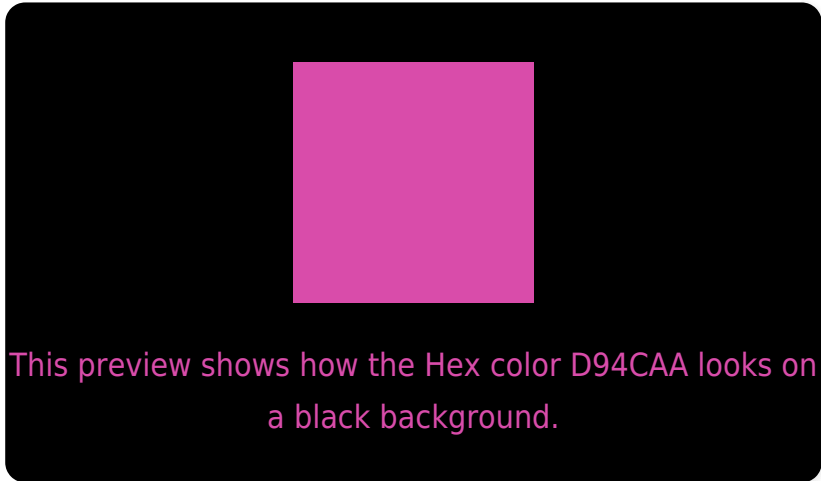
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94CAA Background



This preview shows how black text looks on a background with the Hex color D94CAA.

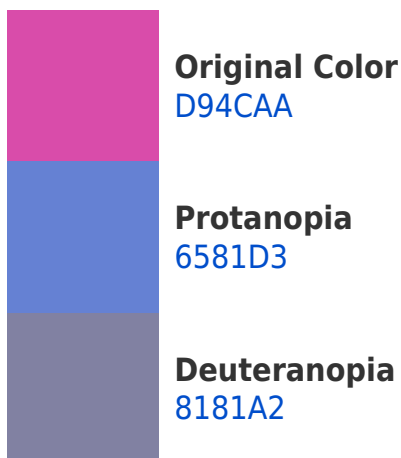



This preview shows how white text looks on a background with the Hex color D94CAA.

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
D35E65

Trichromacy



Original Color
D94CAA



Protanomaly
8F6EC4



Deuteranomaly
A16EA5



Tritanomaly
D5577E

Monochromacy



Original Color
D94CAA



Achromatopsia
818181



Achromatomaly
A16E90

CSS Examples

Text

The CSS property to change the color of the text to Hex D94CAA 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 #D94CAA looks like.

```
.text, #text, p{  
    color:#D94CAA  
}
```

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 #D94CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94CAA
}
```

Border

The CSS property to change the border of an element to Hex D94CAA 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
#D94CAA }
```

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

```
.border{ border-color:#D94CAA }
```

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

Here you see how a box with a 4 pixel #D94CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94CAA; -webkit-box-shadow:4px 4px  
4px 4px #D94CAA; box-shadow:4px 4px 4px  
4px #D94CAA }
```

Background

The CSS property to change the background color of an element to Hex D94CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94CAA }
```

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

```
.background{ background-color:#D94CAA }
```

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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