

Converting Colors

Hex(D99FC4)

Have a look what the booklet for
Hex(D99FC4) contains.

Hex(D99FC4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D99FC4)

Conversions

Conversions Part 1

Format	Color
Hex	D99FC4
RGB	217, 159, 196
RGB Percent	85%, 62%, 77%
CMY	0.1490, 0.3765, 0.2314
CMYK	0.00, 0.27, 0.10, 0.15
HSL	322°, 43%, 74%
HSV	322°, 27%, 85%
XYZ	50.9772, 43.5335, 57.9406
YIQ	180.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

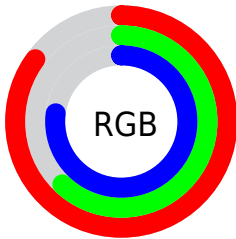
Format	Color
R _Y B	217, 159, 196
Decimal	14262212
CIE Lab	71.92, 27.29, -10.49
CIE LCh	72, 29.241, 338.972
Yxy	43.5335, 0.3344, 0.2856
Android (android.graphics.Color)	4292452292 (0xFFD99FC4)
YUV	180.5600, 7.6119, 31.9579
Hunter-Lab	65.9799, 22.4473, -5.8798

Details

The Hex color **D99FC4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FD9B4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD6FD**, and **A16B8E** is the 20% darker color. If you saturate the color by 10%, you get **D989BC**, and if you desaturate by 10%, it is **D9B5CC**.

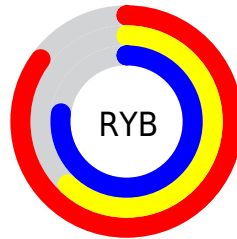
Distribution



Red (85%)

Green (62%)

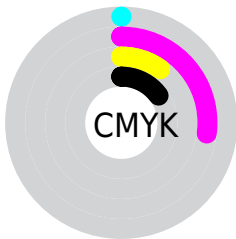
Blue (77%)



Red (85%)

Yellow (62%)

Blue (77%)

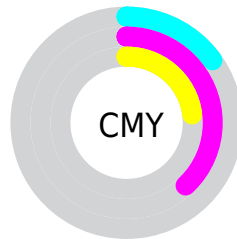


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color D99FC4 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 D99FC4 by changing the saturation by 10% instead.



D99FC4



D99FC4

FFFFFF



BD85A9



FFD6FD



A16B8E



FFF3FF



875275



6D3A5C



542344



3B0C2E



27001A



000000



D99FC4



D99FC4

 D989BC

 D9B5CC

 D974B4

 D9CAD4

 D95EAC

 D9E0DC

 D948A5

 D9F6E3

 D9339D

 D9FFEB

 D91D95

 D9FFF3

 D9078D

 D9FFFB

 D9008A

 D9FFFF

Harmonies

Analogous

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



BEA7DA



D99FC4



E59DA9

Triad

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



D99FC4



BBB17B



5EBDD1

Complementary

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



D99FC4



9FD9B4

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.



65BFB8



D99FC4



9EB986

Square

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



D99FC4



D4A87F



7FBE9C



74B8E1

Rectangle

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



D99FC4



E59E98



7FBE9C



5DBEC9

Sweetspot

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



D99FC4



FFEBF8



B39FD9



80737B



000000



808080

Same Dimension

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



D99FC4



FFADE1



D99FA8



6E636A



AD006F



2E001D

Inverse Universe

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



D99FC4



FFADE1



9FD9D0



6E636A



AD006F



2E001D

Previews

White Background



This preview shows how the Hex color D99FC4 looks on a white background.

Color Contrast Check

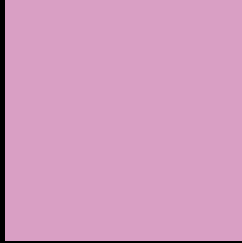
Large Text (above 18pt) WCAG AA × Fail

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 D99FC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

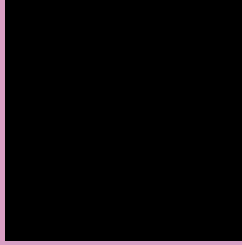
Any Text WCAG AA ✓ Pass

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 D99FC4 Background



This preview shows how black text looks on a background with the Hex color D99FC4.

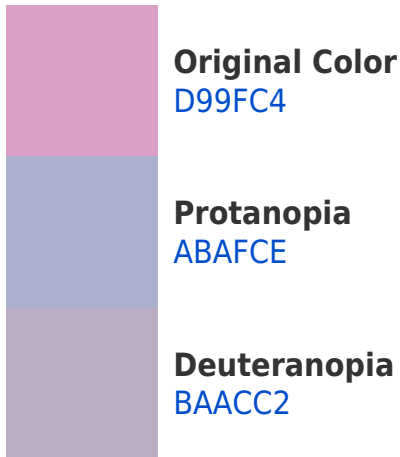


This preview shows how white text looks on a background with the Hex color D99FC4.

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
D6A3AF

Trichromacy



Original Color
D99FC4

Protanomaly
BCA9CA

Deuteranomaly
C5A7C3

Tritanomaly
D7A2B7

Monochromacy



Original Color
D99FC4

Achromatopsia
B5B5B5

Achromatomaly
C2ADBA

CSS Examples

Text

The CSS property to change the color of the text to Hex D99FC4 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 #D99FC4 looks like.

```
.text, #text, p{  
    color:#D99FC4  
}
```

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 #D99FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99FC4
}
```

Border

The CSS property to change the border of an element to Hex D99FC4 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
#D99FC4 }
```

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

```
.border{ border-color:#D99FC4 }
```

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

Here you see how a box with a 4 pixel #D99FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99FC4; -webkit-box-shadow:4px 4px  
4px 4px #D99FC4; box-shadow:4px 4px 4px  
4px #D99FC4 }
```

Background

The CSS property to change the background color of an element to Hex D99FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99FC4 }
```

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

```
.background{ background-color:#D99FC4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor