

Converting Colors

Hex(D49FD4)

Have a look what the booklet for
Hex(D49FD4) contains.

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Color

Hex(D49FD4)

Conversions

Conversions Part 1

Format	Color
Hex	D49FD4
RGB	212, 159, 212
RGB Percent	83%, 62%, 83%
CMY	0.1686, 0.3765, 0.1686
CMYK	0.00, 0.25, 0.00, 0.17
HSL	300°, 38%, 73%
HSV	300°, 25%, 83%
XYZ	51.4332, 43.5468, 67.9819
YIQ	180.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

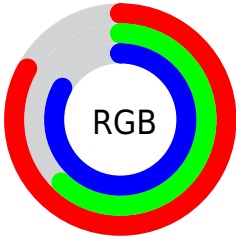
Format	Color
R _Y B	212, 159, 212
Decimal	13934548
CIE Lab	71.92, 28.46, -19.34
CIE LCh	72, 34.414, 325.797
Yxy	43.5468, 0.3156, 0.2672
Android (android.graphics.Color)	4292124628 (0xFFD49FD4)
YUV	180.8890, 15.3377, 27.2843
Hunter-Lab	65.9900, 23.6420, -14.8867

Details

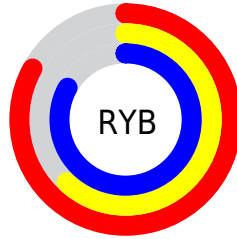
The Hex color **D49FD4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FD49F**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD6FF**, and **9D6B9D** is the 20% darker color. If you saturate the color by 10%, you get **D48AD4**, and if you desaturate by 10%, it is **D4B4D4**.

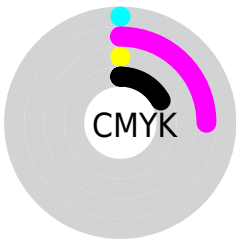
Distribution



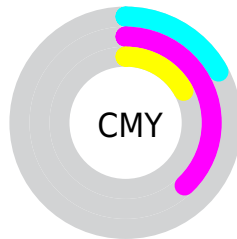
- Red (83%)
- Green (62%)
- Blue (83%)



- Red (83%)
- Yellow (62%)
- Blue (83%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color D49FD4 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 D49FD4 by changing the saturation by 10% instead.

 D49FD4

FFFFFF

 FFD6FF

 FFF3FF

 D49FD4

 B885B8

 9D6B9D

 825283

 683A6A

 502352

 380C3A

 240025

 00010D

 000000

 D49FD4

 D49FD4

 D48AD4

 D4B4D4

 D475D4

 D4C9D4

 D45FD4

 D4DFD4

 D44AD4

 D4F4D4

 D435D4

 D4FFD4

 D420D4

 D40BD4

 D400D4

Harmonies

Analogous

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



AEAAE9



D49FD4



EA99B6

Triad

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



D49FD4



CAAD72



43C1CA

Complementary

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



D49FD4



9FD49F

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.



5FC1AB



D49FD4



AAB777

Square

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



D49FD4



E2A27D



85BE8C



50BDE3

Rectangle

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



D49FD4



EF99A1



85BE8C



49C1C0

Sweetspot

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



D49FD4



FFEBFF



9F9FD4



807380



000000



808080

Same Dimension

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



D49FD4



FFB3FF



D49FBA



6B606B



AB00AB



2B002B

Inverse Universe

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



D49FD4



FFB3FF



9FD4BA



6B606B



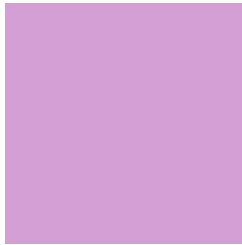
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color D49FD4 looks on a white background.

Color Contrast Check

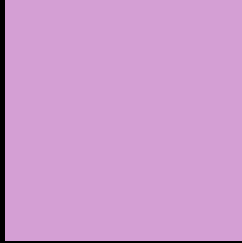
Large Text (above 18pt) WCAG AA × Fail

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 D49FD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

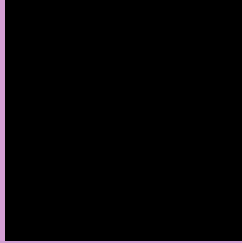
Any Text WCAG AA ✓ Pass

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 D49FD4 Background



This preview shows how black text looks on a background with the Hex color D49FD4.

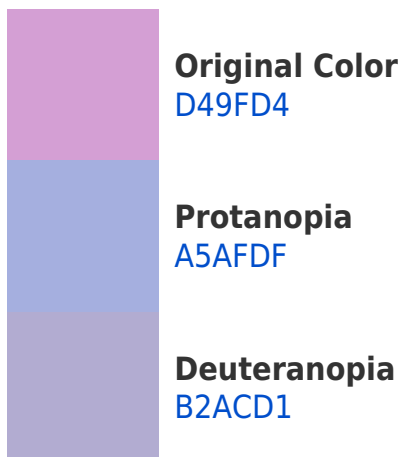


This preview shows how white text looks on a background with the Hex color D49FD4.

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



Trichromacy



Original Color
D49FD4



Protanomaly
B6A9DB



Deuteranomaly
BEA7D2

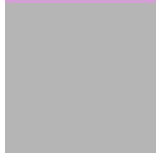


Tritanomaly
D1A3BE

Monochromacy



Original Color
D49FD4



Achromatopsia
B5B5B5



Achromatomaly
C0ADC0

CSS Examples

Text

The CSS property to change the color of the text to Hex D49FD4 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 #D49FD4 looks like.

```
.text, #text, p{  
    color:#D49FD4  
}
```

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 #D49FD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49FD4
}
```

Border

The CSS property to change the border of an element to Hex D49FD4 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
#D49FD4 }
```

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

```
.border{ border-color:#D49FD4 }
```

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

Here you see how a box with a 4 pixel #D49FD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49FD4; -webkit-box-shadow:4px 4px  
4px 4px #D49FD4; box-shadow:4px 4px 4px  
4px #D49FD4 }
```

Background

The CSS property to change the background color of an element to Hex D49FD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49FD4 }
```

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

```
.background{ background-color:#D49FD4 }
```

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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