

Converting Colors

Hex(C49FD6)

Have a look what the booklet for
Hex(C49FD6) contains.

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Color

Hex(C49FD6)

Conversions

Conversions Part 1

Format	Color
Hex	C49FD6
RGB	196, 159, 214
RGB Percent	77%, 62%, 84%
CMY	0.2314, 0.3765, 0.1608
CMYK	0.08, 0.26, 0.00, 0.16
HSL	280°, 40%, 73%
HSV	280°, 26%, 84%
XYZ	47.3007, 41.3871, 69.1138
YIQ	176.3330, 4.3970, 24.9490

Conversions

Conversions Part 2

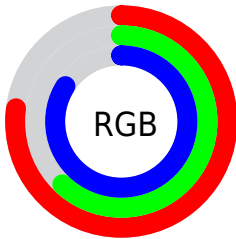
Format	Color
R_{YB}	196, 159, 214
Decimal	12885974
CIE _{Lab}	70.45, 23.62, -22.84
CIE _{LCh}	70, 32.852, 315.960
Yxy	41.3871, 0.2997, 0.2623
Android (android.graphics.Color)	4291076054 (0xFFC49FD6)
YUV	176.3330, 18.5698, 17.2480
Hunter-Lab	64.3328, 18.6598, -18.6633

Details

The Hex color **C49FD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1D69F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FDD6FF**, and **8E6B9F** is the 20% darker color. If you saturate the color by 10%, you get **BD8AD6**, and if you desaturate by 10%, it is **CBB4D6**.

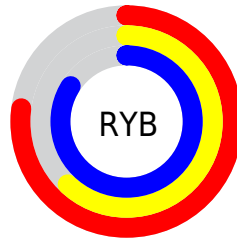
Distribution



Red (77%)

Green (62%)

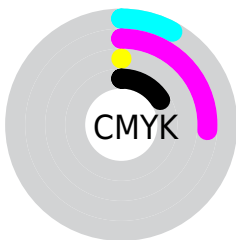
Blue (84%)



Red (77%)

Yellow (62%)

Blue (84%)

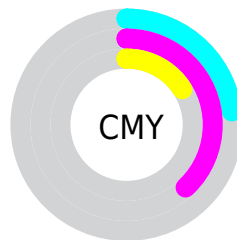


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49FD6 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 C49FD6 by changing the saturation by 10% instead.

 C49FD6

 C49FD6

FFFFFF

 A885BA

 FDD6FF

 8E6B9F

 FFF2FF

 745385

 5B3B6B

 422553

 2B0F3C

 1A0026

 00010F

 000000

 C49FD6

 C49FD6

 BD8AD6

 CBB4D6

 B674D6

 D2CAD6

 AF5FD6

 D9DFD6

 A849D6

 E0F5D6

 A134D6

 E7FFD6

 9A1FD6

 EEFFD6

 9309D6

 F5FFD6

 9000D6

 FCFFD6

 FFFFD6

Harmonies

Analogous

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



9CAA5



C49FD6



DE97BC

Triad

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



C49FD6



CDA673



4CBDBC

Complementary

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



C49FD6



B1D69F

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.



6BBC9D



C49FD6



B1AF72

Square

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



C49FD6



E19C83



8FB782



4ABAD6

Rectangle

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



C49FD6



E696A7



8FB782



55BDB1

Sweetspot

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



C49FD6



F8EBFF



9FB1D6



7B7380



000000



808080

Same Dimension

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



C49FD6



E5B0FF



D69FCD



68606B



7300AB



1D002B

Inverse Universe

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



D69FB1



FFB0CA



9FD6A8



6B6064



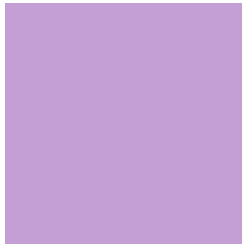
AB0038



2B000E

Previews

White Background



This preview shows how the Hex color C49FD6 looks on a white background.

Color Contrast Check

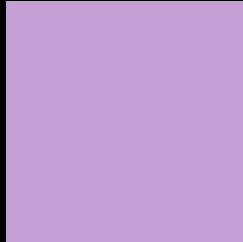
Large Text (above 18pt) WCAG AA × Fail

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 C49FD6 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 C49FD6 Background



This preview shows how black text looks on a background with the Hex color C49FD6.



This preview shows how white text looks on a background with the Hex color C49FD6.

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



Original Color
C49FD6

Protanopia
9FABDE

Deuteranopia
A9A9D4



Tritanopia
BFA6B3

Trichromacy



Original Color
C49FD6



Protanomaly
ACA7DB



Deuteranomaly
B3A5D5



Tritanomaly
C1A3C0

Monochromacy



Original Color
C49FD6



Achromatopsia
B0B0B0



Achromatomaly
B7AABE

CSS Examples

Text

The CSS property to change the color of the text to Hex C49FD6 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 #C49FD6 looks like.

```
.text, #text, p{  
    color:#C49FD6  
}
```

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 #C49FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49FD6
}
```

Border

The CSS property to change the border of an element to Hex C49FD6 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
#C49FD6 }
```

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

```
.border{ border-color:#C49FD6 }
```

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

Here you see how a box with a 4 pixel #C49FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49FD6; -webkit-box-shadow:4px 4px  
4px 4px #C49FD6; box-shadow:4px 4px 4px  
4px #C49FD6 }
```

Background

The CSS property to change the background color of an element to Hex C49FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49FD6 }
```

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

```
.background{ background-color:#C49FD6 }
```

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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