

Converting Colors

Hex(D49EFC)

Have a look what the booklet for
Hex(D49EFC) contains.

Hex(D49EFC)	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(D49EFC)

Conversions

Conversions Part 1

Format	Color
Hex	D49EFC
RGB	212, 158, 252
RGB Percent	83%, 62%, 99%
CMY	0.1686, 0.3804, 0.0118
CMYK	0.16, 0.37, 0.00, 0.01
HSL	274°, 94%, 80%
HSV	274°, 37%, 99%
XYZ	56.9489, 45.4790, 97.8723
YIQ	184.8620, 2.0100, 40.6820

Conversions

Conversions Part 2

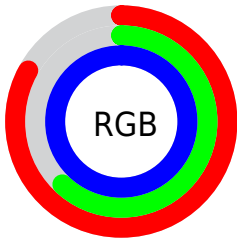
Format	Color
R _Y B	212, 158, 252
Decimal	13934332
CIE Lab	73.21, 37.01, -39.21
CIE LCh	73, 53.922, 313.345
Yxy	45.4790, 0.2843, 0.2271
Android (android.graphics.Color)	4292124412 (0xFFD49EFC)
YUV	184.8620, 33.0990, 23.8000
Hunter-Lab	67.4382, 32.7196, -38.8402

Details

The Hex color **D49EFC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C6FC9E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD5FF**, and **9C6AC3** is the 20% darker color. If you saturate the color by 10%, you get **C985FC**, and if you desaturate by 10%, it is **DFB7FC**.

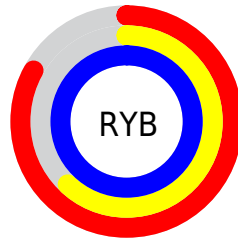
Distribution



Red (83%)

Green (62%)

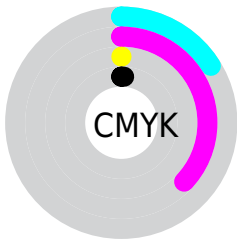
Blue (99%)



Red (83%)

Yellow (62%)

Blue (99%)

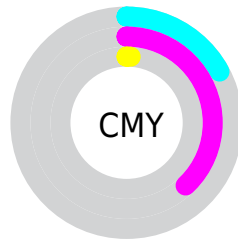


Cyan (16%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (17%)

Magenta (38%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color D49EFC 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 D49EFC by changing the saturation by 10% instead.

 D49EFC

 D49EFC


FFFFFF

 B883DF

 FFD5FF

 9C6AC3

 FFF2FF

 8151A8

 66388D

 4D2173

 33075A

 1B0042

 00002B

 000115

 D49EFC

 D49EFC

 C985FC

 DFB7FC

 BF6CFC

 E9D0FC

 B452FC

 F4EAFC

 A939FC

FFFFFFC

 9E20FC

 9407FC

 9100FC

Harmonies

Analogous

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



88B1FF



D49EFC



FF8ED1

Triad

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



D49EFC



E8A754



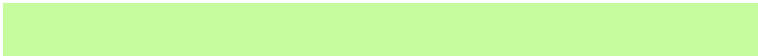
00CDC9

Complementary

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



D49EFC



C6FC9E

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.



30CB96



D49EFC



BBB84F

Square

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



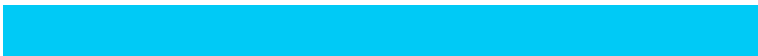
D49EFC



FF9572



85C469



00CAF6

Rectangle

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



D49EFC



FF89B0



85C469



00CDB8

Sweetspot

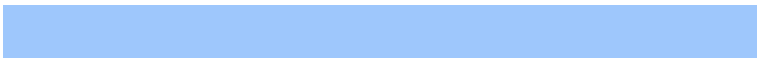
The Sweet Spot groups the original color and five complimentary colors.



D49EFC



F3E3FF



9EC7FC



786F80



000000



808080

Same Dimension

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



D49EFC



CE8CFF



FC9EF6



78707D



6C00BD



23003D

Inverse Universe

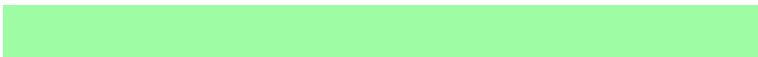
The Inverse Universe completely reimagines the original color for something new.



FC9EC6



FF8CBD



9EFCA4



7D7076



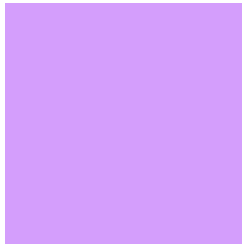
BD0050



3D001A

Previews

White Background



This preview shows how the Hex color D49EFC looks on a white background.

Color Contrast Check

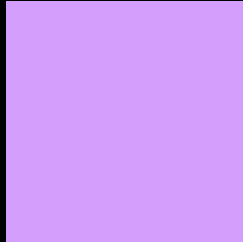
Large Text (above 18pt) WCAG AA × Fail

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 D49EFC 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 D49EFC Background



This preview shows how black text looks on a background with the Hex color D49EFC.



This preview shows how white text looks on a background with the Hex color D49EFC.

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](#).

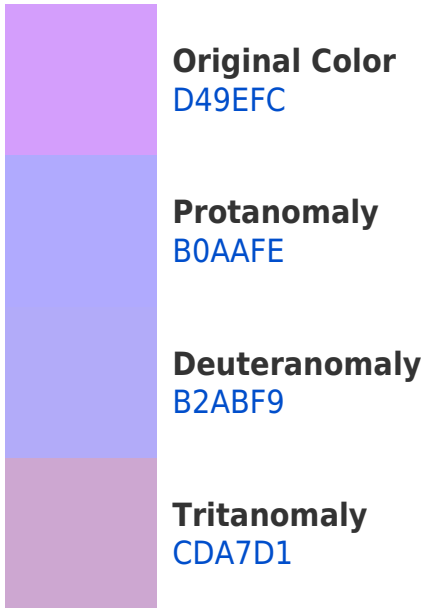
Dichromacy



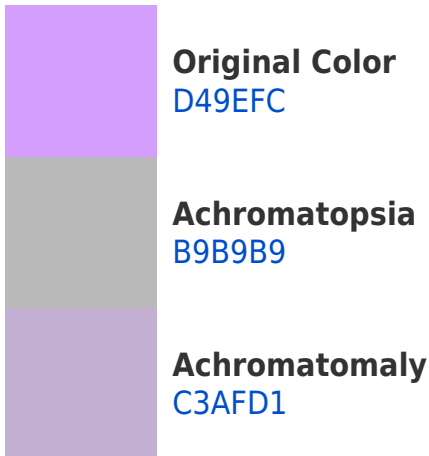


Tritanopia
C9ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D49EFC 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 #D49EFC looks like.

```
.text, #text, p{  
    color:#D49EFC  
}
```

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 #D49EFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49EFC
}
```

Border

The CSS property to change the border of an element to Hex D49EFC 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
#D49EFC }
```

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

```
.border{ border-color:#D49EFC }
```

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

Here you see how a box with a 4 pixel #D49EFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49EFC; -webkit-box-shadow:4px 4px  
4px 4px #D49EFC; box-shadow:4px 4px 4px  
4px #D49EFC }
```

Background

The CSS property to change the background color of an element to Hex D49EFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49EFC }
```

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

```
.background{ background-color:#D49EFC }
```

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