

# Converting Colors

Hex(D49EF3)

Have a look what the booklet for  
Hex(D49EF3) contains.

<b>Hex(D49EF3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D49EF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D49EF3
RGB	212, 158, 243
RGB Percent	83%, 62%, 95%
CMY	0.1686, 0.3804, 0.0471
CMYK	0.13, 0.35, 0.00, 0.05
HSL	278°, 78%, 79%
HSV	278°, 35%, 95%
XYZ	55.5559, 44.9218, 90.5367
YIQ	183.8360, 4.8990, 37.8830

# Conversions

## Conversions Part 2

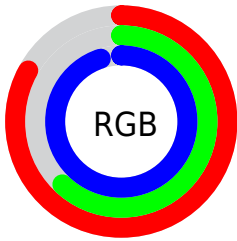
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 158, 243
Decimal	13934323
CIE Lab	72.84, 35.12, -34.90
CIE LCh	73, 49.511, 315.185
Yxy	44.9218, 0.2908, 0.2352
Android (android.graphics.Color)	4292124403 (0xFFD49EF3)
YUV	183.8360, 29.1679, 24.6998
Hunter-Lab	67.0238, 30.6668, -33.1732

# Details

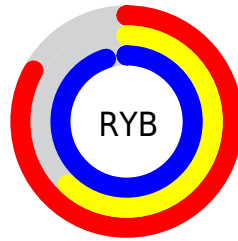
The Hex color **D49EF3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BDF39E**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD5FF**, and **9C6ABB** is the 20% darker color. If you saturate the color by 10%, you get **CB86F3**, and if you desaturate by 10%, it is **DDB6F3**.

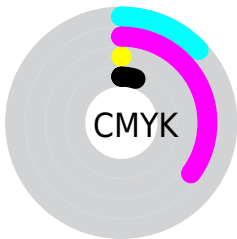
# Distribution



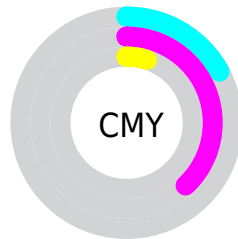
- Red (83%)
- Green (62%)
- Blue (95%)



- Red (83%)
- Yellow (62%)
- Blue (95%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (38%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D49EF3 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 D49EF3 by changing the saturation by 10% instead.



 D49EF3

FFFFFF

 FFD5FF

 FFF2FF

 D49EF3

 B883D6

 9C6ABB

 81519F

 673985

 4E216B

 350853

 1E003B

 000025

 00010D

 D49EF3

 D49EF3

 CB86F3

 DDB6F3

 C26DF3

 E6CFF3

 B955F3

 EFE7F3

 B13DF3

 F7FFF3

 A825F3

 FFFFF3

 9F0CF3

 9A00F3

# Harmonies

## Analogous

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



92AFFF



D49EF3



FC90CB

# Triad

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



D49EF3



E1A85A



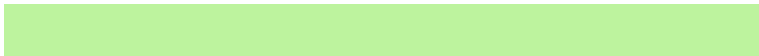
00CAC9

# Complementary

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



D49EF3



BDF39E

# 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.



3EC99A



D49EF3



B8B758

# Square

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



D49EF3



FE9874



85C271



00C7F2

# Rectangle

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



D49EF3



FF8DAD



85C271



00CAB9



# Sweetspot

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



D49EF3



F6E6FF



9EBDF3



7A7080



000000



808080



# Same Dimension

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



D49EF3



D894FF



F39EE8



766E7A



7600BA



25003B



# Inverse Universe

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



F39EBD



FF94BB



9EF3A9



7A6E73



BA0044

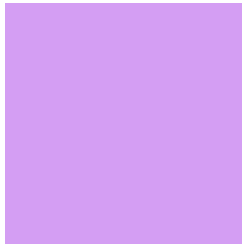


3B0015



# Previews

## White Background



This preview shows how the Hex color D49EF3 looks on a white background.

## Color Contrast Check

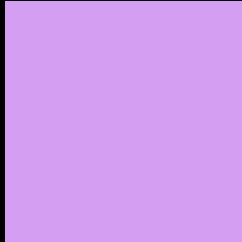
Large Text (above 18pt) WCAG AA × Fail

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 D49EF3 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 D49EF3 Background



This preview shows how black text looks on a background with the Hex color D49EF3.

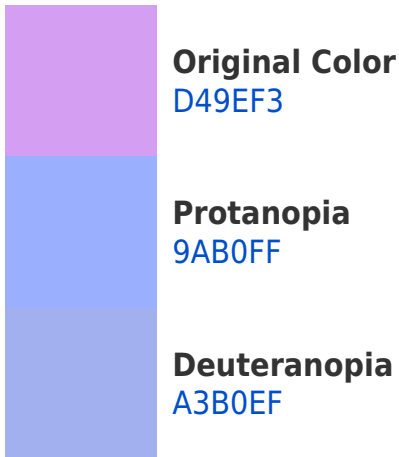


This preview shows how white text looks on a background with the Hex color D49EF3.

# 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**  
D49EF3



**Protanomaly**  
AFA9FB



**Deuteranomaly**  
B5A9F0



**Tritanomaly**  
CEA6CD

# Monochromacy



**Original Color**  
D49EF3



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
C2AFCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D49EF3 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 #D49EF3 looks like.

```
.text, #text, p{  
    color:#D49EF3  
}
```

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 #D49EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49EF3
}
```

## Border

The CSS property to change the border of an element to Hex D49EF3 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
#D49EF3 }
```

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

```
.border{ border-color:#D49EF3 }
```

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

Here you see how a box with a 4 pixel #D49EF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49EF3; -webkit-box-shadow:4px 4px  
4px 4px #D49EF3; box-shadow:4px 4px 4px  
4px #D49EF3 }
```

# Background

The CSS property to change the background color of an element to Hex D49EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49EF3 }
```

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

```
.background{ background-color:#D49EF3 }
```

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