

# Converting Colors

Hex(D348FE)

Have a look what the booklet for  
Hex(D348FE) contains.

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# Color

Hex(D348FE)

# Conversions

## Conversions Part 1

Format	Color
Hex	D348FE
RGB	211, 72, 254
RGB Percent	83%, 28%, 100%
CMY	0.1725, 0.7176, 0.0039
CMYK	0.17, 0.72, 0.00, 0.00
HSL	286°, 99%, 64%
HSV	286°, 72%, 100%
XYZ	47.0707, 25.6394, 96.2339
YIQ	134.3090, 24.4220, 86.0700

# Conversions

## Conversions Part 2

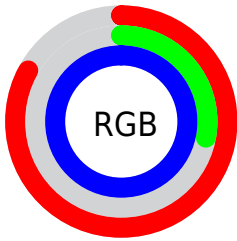
Format	Color
R <sub>Y</sub> B	211, 72, 254
Decimal	13846782
CIE Lab	57.69, 77.94, -64.88
CIE LCh	58, 101.411, 320.227
Yxy	25.6394, 0.2786, 0.1518
Android (android.graphics.Color)	4292036862 (0xFFD348FE)
YUV	134.3090, 59.0077, 67.2580
Hunter-Lab	50.6353, 77.3222, -77.2376

# Details

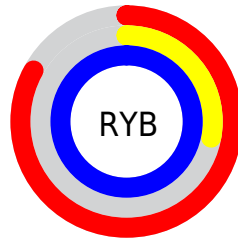
The Hex color **D348FE** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **73FE48**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF84FF**, and **9800C4** is the 20% darker color. If you saturate the color by 10%, you get **CD2FFE**, and if you desaturate by 10%, it is **D961FE**.

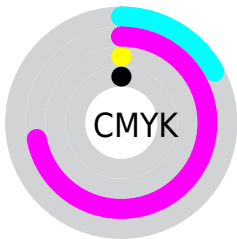
# Distribution



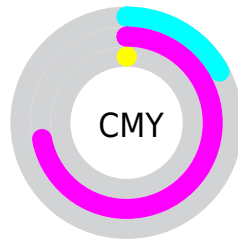
- Red (83%)
- Green (28%)
- Blue (100%)



- Red (83%)
- Yellow (28%)
- Blue (100%)



- Cyan (17%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D348FE 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 D348FE by changing the saturation by 10% instead.



 D348FE

 D348FE

FFFFFF

 B524E1

 FF84FF

 9800C4

 FFA1FF

 7A00A8

 FFBEFF

 5D008D

 FFDCFF

 400073

 FFFAFF

 220059

 000041

 000329

 000114

 D348FE

 D348FE

 CD2FFE

 D961FE

 C715FE

 DF7BFE

 C200FE

 E594FE

 EBAEFE

 F1C7FE

 F7E0FE

 FDFAFE

FFFFFFE

# Harmonies

## Analogous

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



0081FF



D348FE



FF00AC

# Triad

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



D348FE



C17D00



00AEC6

# Complementary

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



D348FE



73FE48

# 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.



00AC6A



D348FE



6F9800

# Square

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



D348FE



FC4A00



00A600



00ACFF

# Rectangle

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



D348FE



FF0071



00A600



00AEA8



# Sweetspot

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



D348FE



F2C9FF



4876FE



786080



000000



808080



# Same Dimension

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



D348FE



CB24FF



FE48D1



7C7380



9200BF



310040



# Inverse Universe

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



FE4873



FF2458



48FE76



807376



BF002D



40000F



# Previews

## White Background



This preview shows how the Hex color D348FE looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

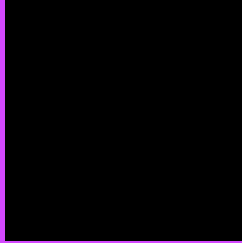
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D348FE Background



This preview shows how black text looks on a background with the Hex color D348FE.

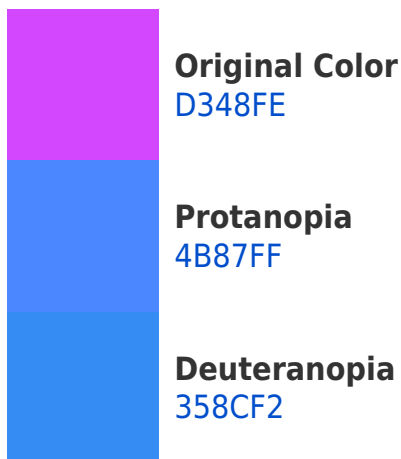


This preview shows how white text looks on a background with the Hex color D348FE.

# 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](#).

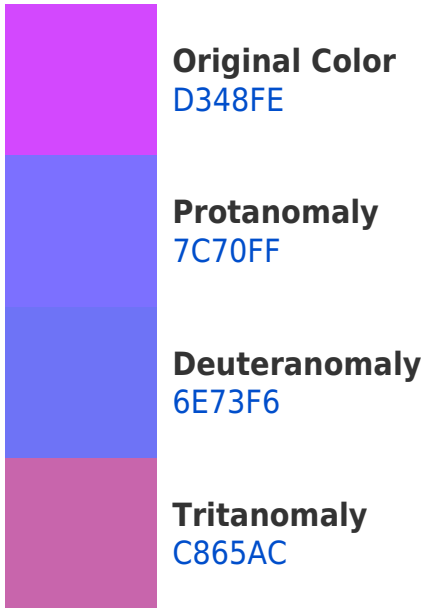
## Dichromacy



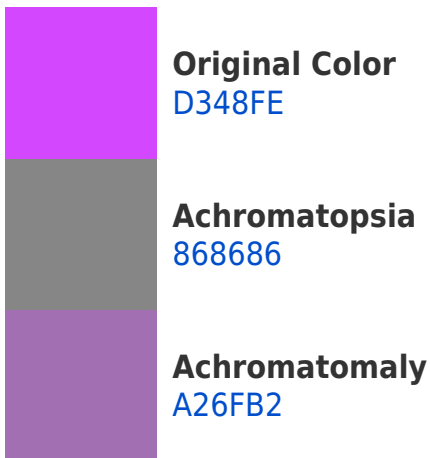


**Tritanopia**  
C1757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D348FE 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 #D348FE looks like.

```
.text, #text, p{  
    color:#D348FE  
}
```

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 #D348FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D348FE
}
```

## Border

The CSS property to change the border of an element to Hex D348FE 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".

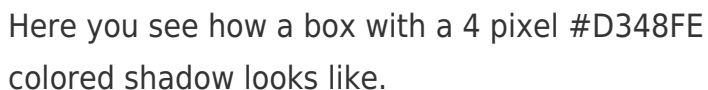
```
.border, #border, table{ border:4px solid
#D348FE }
```

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

```
.border{ border-color:#D348FE }
```

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

Here you see how a box with a 4 pixel #D348FE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D348FE; -webkit-box-shadow:4px 4px  
4px 4px #D348FE; box-shadow:4px 4px 4px  
4px #D348FE }
```

# Background

The CSS property to change the background color of an element to Hex D348FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D348FE }
```

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

```
.background{ background-color:#D348FE }
```

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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