

# Converting Colors

Hex(DA48FA)

Have a look what the booklet for  
Hex(DA48FA) contains.

<b>Hex(DA48FA)</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(DA48FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA48FA
RGB	218, 72, 250
RGB Percent	85%, 28%, 98%
CMY	0.1451, 0.7176, 0.0196
CMYK	0.13, 0.71, 0.00, 0.02
HSL	289°, 95%, 63%
HSV	289°, 71%, 98%
XYZ	48.4861, 26.4423, 92.9908
YIQ	135.9460, 29.8780, 86.3100

# Conversions

## Conversions Part 2

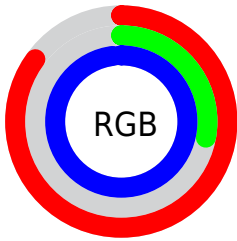
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 72, 250
Decimal	14305530
CIE <sub>Lab</sub>	58.45, 78.59, -61.38
CIE <sub>LCh</sub>	58, 99.719, 322.007
Yxy	26.4423, 0.2887, 0.1575
Android (android.graphics.Color)	4292495610 (0xFFDA48FA)
YUV	135.9460, 56.2286, 71.9614
Hunter-Lab	51.4221, 78.3200, -71.2237

# Details

The Hex color **DA48FA** 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 **68FA48**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF84FF**, and **9F00C1** is the 20% darker color. If you saturate the color by 10%, you get **D62FFA**, and if you desaturate by 10%, it is **DE61FA**.

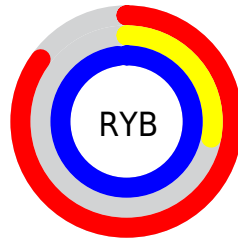
# Distribution



Red (85%)

Green (28%)

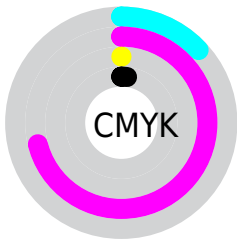
Blue (98%)



Red (85%)

Yellow (28%)

Blue (98%)

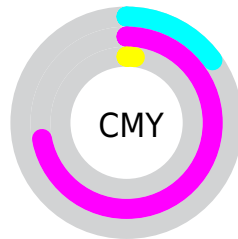


Cyan (13%)

Magenta (71%)

Yellow (0%)

Black (2%)



Cyan (15%)

Magenta (72%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA48FA 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 DA48FA by changing the saturation by 10% instead.



 DA48FA

 DA48FA

FFFFFF

 BC24DD

 FF84FF

 9F00C1

 FFA2FF

 8100A5

 FFBFFF

 64008A

 FFDFFF

 47006F

 FFBFF

 2C0056

 01003E

 000327

 000110

 DA48FA

 DA48FA

 D62FFA

 DE61FA

 D116FA

 E37AFA

 CD00FA

 E793FA

 ECACFA

 F0C5FA

 F5DEFA

 F9F7FA

 FEFFFA

 FFFFFA

# Harmonies

## Analogous

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



0081FF



DA48FA



FF00A8

# Triad

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



DA48FA



BE8100



00B0CC

# Complementary

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



DA48FA



68FA48

# 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.



00AE71



DA48FA



6D9B00

# Square

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



DA48FA



FB5200



00A800



00ADFF

# Rectangle

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



DA48FA



FF006E



00A800



00B0AF



# Sweetspot

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



DA48FA



F5C9FF



4869FA



7A6080



000000



808080



# Same Dimension

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



DA48FA



D826FF



FA48C2



7B707D



9B00BD



32003D



# Inverse Universe

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



FA4868



FF264D



48FA80



7D7073



BD0022

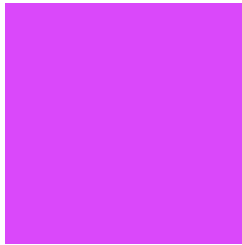


3D000B



# Previews

## White Background



This preview shows how the Hex color DA48FA 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

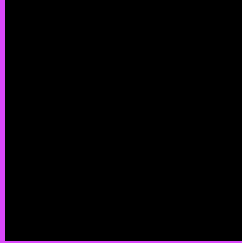
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA48FA Background



This preview shows how black text looks on a background with the Hex color DA48FA.




This preview shows how white text looks on a background with the Hex color DA48FA.

# 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](#).

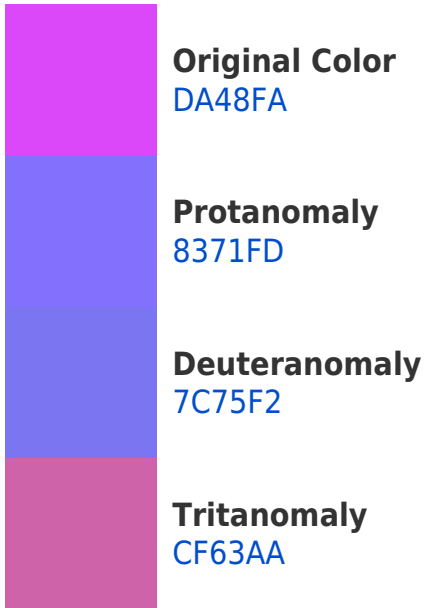
## Dichromacy



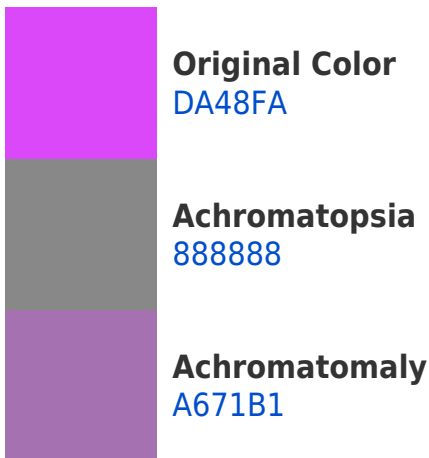


**Tritanopia**  
C9737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA48FA 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 #DA48FA looks like.

```
.text, #text, p{  
    color:#DA48FA  
}
```

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 #DA48FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA48FA
}
```

## Border

The CSS property to change the border of an element to Hex DA48FA 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
#DA48FA }
```

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

```
.border{ border-color:#DA48FA }
```

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

Here you see how a box with a 4 pixel #DA48FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA48FA; -webkit-box-shadow:4px 4px  
4px 4px #DA48FA; box-shadow:4px 4px 4px  
4px #DA48FA }
```

# Background

The CSS property to change the background color of an element to Hex DA48FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA48FA }
```

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

```
.background{ background-color:#DA48FA }
```

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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