

Converting Colors

Hex(DF3FDD)

Have a look what the booklet for
Hex(DF3FDD) contains.

Hex(DF3FDD)	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(**DF3FDD**)

Conversions

Conversions Part 1

Format	Color
Hex	DF3FDD
RGB	223, 63, 221
RGB Percent	87%, 25%, 87%
CMY	0.1255, 0.7529, 0.1333
CMYK	0.00, 0.72, 0.01, 0.13
HSL	301°, 71%, 56%
HSV	301°, 72%, 87%
XYZ	45.2601, 24.4634, 70.7431
YIQ	128.8520, 44.6420, 83.0580

Conversions

Conversions Part 2

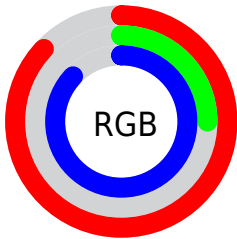
Format	Color
R _Y B	223, 63, 221
Decimal	14630877
CIE Lab	56.55, 77.74, -48.14
CIE LCh	57, 91.435, 328.232
Yxy	24.4634, 0.3222, 0.1742
Android (android.graphics.Color)	4292820957 (0xFFDF3FDD)
YUV	128.8520, 45.4290, 82.5678
Hunter-Lab	49.4605, 76.7849, -50.1797

Details

The Hex color **DF3FDD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3FDF41**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF7DFF**, and **A400A5** is the 20% darker color. If you saturate the color by 10%, you get **DF29DD**, and if you desaturate by 10%, it is **DF55DD**.

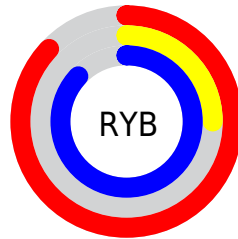
Distribution



Red (87%)

Green (25%)

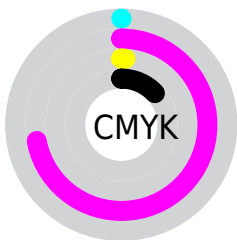
Blue (87%)



Red (87%)

Yellow (25%)

Blue (87%)

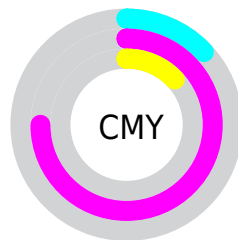


Cyan (0%)

Magenta (72%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF3FDD 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 DF3FDD by changing the saturation by 10% instead.

 DF3FDD

 DF3FDD

FFFFFF

 C114C1

 FF7DFF

 A400A5

 FF9BFF

 87008A

 FFB8FF

 6A0070

 FFD6FF

 4E0057

 FFF4FF

 33003F

 110028

 000111

 000000

 DF3FDD

 DF3FDD

 DF29DD

 DF55DD

 DF12DC

 DF6CDE

 DF00DC

 DF82DE

 DF98DE

 DFAFDE

 DFC5DF

 DFDBDF

 DFF1DF

 DFFFEO

Harmonies

Analogous

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



6A74FF



DF3FDD



FF0090

Triad

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



DF3FDD



A98300



00A8D2

Complementary

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



DF3FDD



3FDF41

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.



00A880



DF3FDD



599800

Square

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



DF3FDD



E45F00



00A328



00A4FF

Rectangle

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



DF3FDD



FF005C



00A328



00A9B8

Sweetspot

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



DF3FDD



FFC7FE



3F3FDF



805E7F



000000



808080

Same Dimension

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



DF3FDD



FF24FC



DF3F8F



706570



B000AE



300030

Inverse Universe

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



DF3FDD



FF24FC



3FDF8F



706570



B000AE



300030

Previews

White Background



This preview shows how the Hex color DF3FDD looks on a white background.

Color Contrast Check

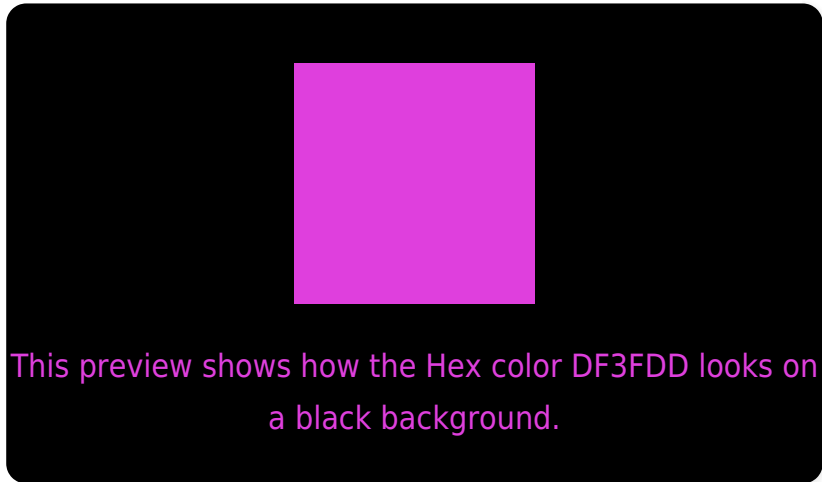
Large Text (above 18pt) WCAG AA ✓ Pass

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

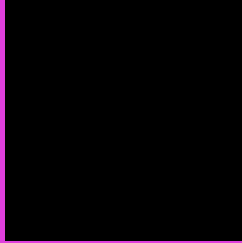
Any Text WCAG AA ✓ Pass

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 DF3FDD Background



This preview shows how black text looks on a background with the Hex color DF3FDD.

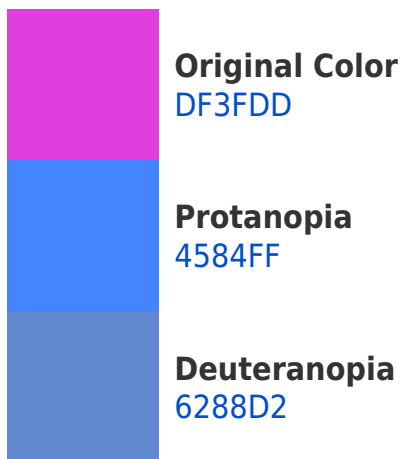



This preview shows how white text looks on a background with the Hex color DF3FDD.

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
D2666D

Trichromacy



Original Color
DF3FDD



Protanomaly
7D6BF3



Deuteranomaly
8F6DD6



Tritanomaly
D75896

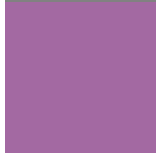
Monochromacy



Original Color
DF3FDD



Achromatopsia
818181



Achromatomaly
A369A2

CSS Examples

Text

The CSS property to change the color of the text to Hex DF3FDD 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 #DF3FDD looks like.

```
.text, #text, p{  
    color:#DF3FDD  
}
```

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 #DF3FDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF3FDD
}
```

Border

The CSS property to change the border of an element to Hex DF3FDD 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
#DF3FDD }
```

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

```
.border{ border-color:#DF3FDD }
```

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

Here you see how a box with a 4 pixel #DF3FDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF3FDD; -webkit-box-shadow:4px 4px  
4px 4px #DF3FDD; box-shadow:4px 4px 4px  
4px #DF3FDD }
```

Background

The CSS property to change the background color of an element to Hex DF3FDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF3FDD }
```

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

```
.background{ background-color:#DF3FDD }
```

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