

Converting Colors

Hex(D70DFD)

Have a look what the booklet for
Hex(D70DFD) contains.

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Color

Hex(D70DFD)

Conversions

Conversions Part 1

Format	Color
Hex	D70DFD
RGB	215, 13, 253
RGB Percent	84%, 5%, 99%
CMY	0.1569, 0.9490, 0.0078
CMYK	0.15, 0.95, 0.00, 0.01
HSL	290°, 98%, 52%
HSV	290°, 95%, 99%
XYZ	45.8979, 21.8268, 94.7224
YIQ	100.7580, 43.3520, 117.4640

Conversions

Conversions Part 2

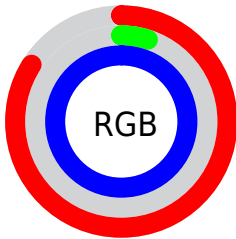
Format	Color
R _Y B	215, 13, 253
Decimal	14093821
CIE Lab	53.84, 91.23, -70.51
CIE LCh	54, 115.297, 322.301
Yxy	21.8268, 0.2825, 0.1344
Android (android.graphics.Color)	4292283901 (0xFFD70DFD)
YUV	100.7580, 75.0553, 100.1902
Hunter-Lab	46.7191, 93.6038, -87.5063

Details

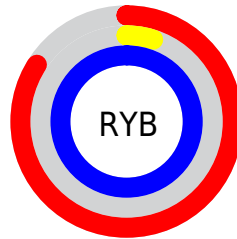
The Hex color **D70DFD** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **33FD0D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF65FF**, and **9A00C3** is the 20% darker color. If you saturate the color by 10%, you get **D500FD**, and if you desaturate by 10%, it is **DB26FD**.

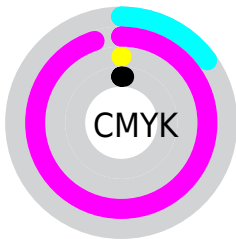
Distribution



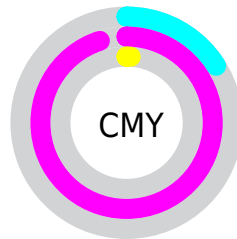
- Red (84%)
- Green (5%)
- Blue (99%)



- Red (84%)
- Yellow (5%)
- Blue (99%)



- Cyan (15%)
- Magenta (95%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (95%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color D70DFD 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 D70DFD by changing the saturation by 10% instead.

 D70DFD

 D70DFD

FFFFFF

 B900E0

 FF65FF

 9A00C3

 FF84FF

 7C00A7

 FFA3FF

 5E008C

 FFC1FF

 400071

 FFE0FF

 1F0058

FFFEFF

 00003F

 000328

 000112

 D70DFD

 D70DFD

 D500FD

 DB26FD

 DF40FD

 E359FD

 E772FD

 EB8CFD

 EFA5FD

 F3BEFD

 F7D7FD

 FBF1FD

Harmonies

Analogous

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



0074FF



D70DFD



FF009F

Triad

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



D70DFD



B27400



00A6CB

Complementary

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



D70DFD



33FD0D

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.



00A363



D70DFD



529100

Square

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



D70DFD



F73200



009E00



00A4FF

Rectangle

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



D70DFD



FF005E



009E00



00A5A9

Sweetspot

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



D70DFD



F4B8FF



0D35FD



795480



000000



808080

Same Dimension

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



D70DFD



D700FF



FD0DAD



7D7380



A100BF



360040

Inverse Universe

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



FD0D33



FF0028



0DFD5D



807375



BF001E



40000A

Previews

White Background



This preview shows how the Hex color D70DFD looks on a white background.

Color Contrast Check

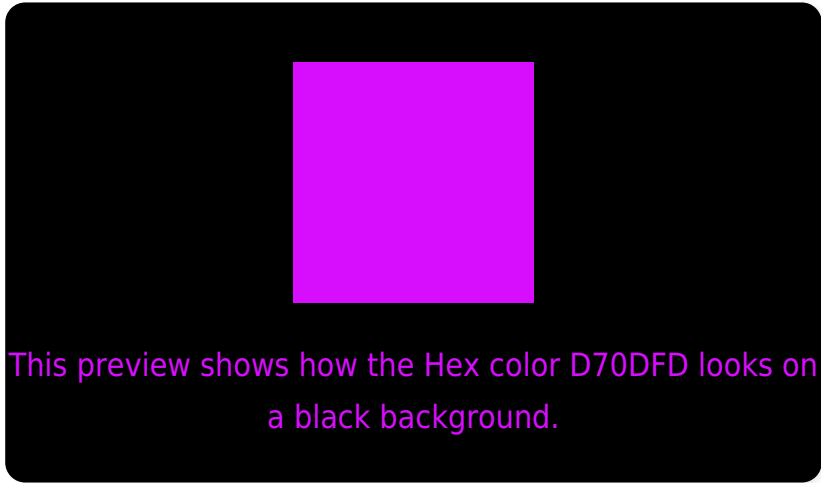
Large Text (above 18pt) WCAG AA ✓ Pass

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 D70DFD Background



This preview shows how black text looks on a background with the Hex color D70DFD.



This preview shows how white text looks on a background with the Hex color D70DFD.

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



Original Color
D70DFD

Protanopia
2B7DFE

Deuteranopia
0084E9



Tritanopia
C4646B

Trichromacy



Original Color
D70DFD



Protanomaly
6A54FE



Deuteranomaly
4E59F0

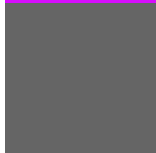


Tritanomaly
CB44A0

Monochromacy



Original Color
D70DFD



Achromatopsia
656565



Achromatomaly
8E459C

CSS Examples

Text

The CSS property to change the color of the text to Hex D70DFD 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 #D70DFD looks like.

```
.text, #text, p{  
    color:#D70DFD  
}
```

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 #D70DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70DFD
}
```

Border

The CSS property to change the border of an element to Hex D70DFD 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
#D70DFD }
```

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

```
.border{ border-color:#D70DFD }
```

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

Here you see how a box with a 4 pixel #D70DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70DFD; -webkit-box-shadow:4px 4px  
4px 4px #D70DFD; box-shadow:4px 4px 4px  
4px #D70DFD }
```

Background

The CSS property to change the background color of an element to Hex D70DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70DFD }
```

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

```
.background{ background-color:#D70DFD }
```

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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