

Converting Colors

Hex(DC01FB)

Have a look what the booklet for
Hex(DC01FB) contains.

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Color

Hex(DC01FB)

Conversions

Conversions Part 1

Format	Color
Hex	DC01FB
RGB	220, 1, 251
RGB Percent	86%, 0%, 98%
CMY	0.1373, 0.9961, 0.0157
CMYK	0.12, 1.00, 0.00, 0.02
HSL	293°, 99%, 49%
HSV	293°, 100%, 98%
XYZ	46.9386, 22.2024, 93.0783
YIQ	94.9810, 50.2740, 124.1780

Conversions

Conversions Part 2

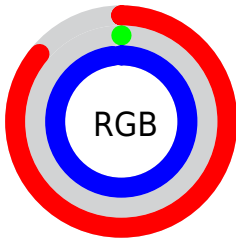
Format	Color
R _Y B	220, 1, 251
Decimal	14418427
CIE Lab	54.24, 92.45, -68.71
CIE LCh	54, 115.188, 323.381
Yxy	22.2024, 0.2894, 0.1369
Android (android.graphics.Color)	4292608507 (0xFFDC01FB)
YUV	94.9810, 76.9174, 109.6417
Hunter-Lab	47.1194, 95.3562, -84.1362

Details

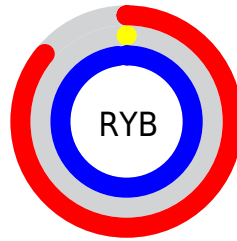
The Hex color **DC01FB** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **20FB01**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63FF**, and **9F00C1** is the 20% darker color. If you saturate the color by 10%, you get **DC00FB**, and if you desaturate by 10%, it is **DF1AFB**.

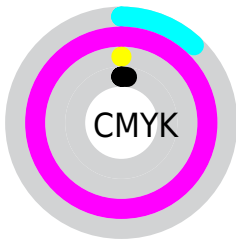
Distribution



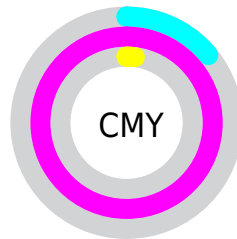
- Red (86%)
- Green (0%)
- Blue (98%)



- Red (86%)
- Yellow (0%)
- Blue (98%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC01FB 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 DC01FB by changing the saturation by 10% instead.

 DC01FB

 DC01FB

FFFFFF

 BD00DE

 FF63FF

 9F00C1

 FF83FF

 8100A5

 FFA2FF

 63008A

 FFC0FF

 450070

 FFDFFF

 260056

FFFEFF

 00003E

 000327

 000110

 DC01FB

 DC01FB

 DC00FB

 DF1AFB

 E233FB

 E54CFB

 E865FB

 EC7EFB

 EF98FB

 F2B1FB

 F5CAFB

 F8E3FB

Harmonies

Analogous

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



0073FF



DC01FB



FF009C

Triad

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



DC01FB



B07700



00A7CF

Complementary

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



DC01FB



20FB01

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.



00A568



DC01FB



4F9300

Square

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



DC01FB



F63700



009F00



00A5FF

Rectangle

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



DC01FB



FF005C



009F00



00A6AE

Sweetspot

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



DC01FB



F6B3FF



0122FB



7A5280



000000



808080

Same Dimension

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



DC01FB



DF00FF



FB019F



7B707D



A500BD



36003D

Inverse Universe

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



FB0120



FF0020



01FB5D



7D7072



BD0017



3D0008

Previews

White Background



This preview shows how the Hex color DC01FB looks on a white background.

Color Contrast Check

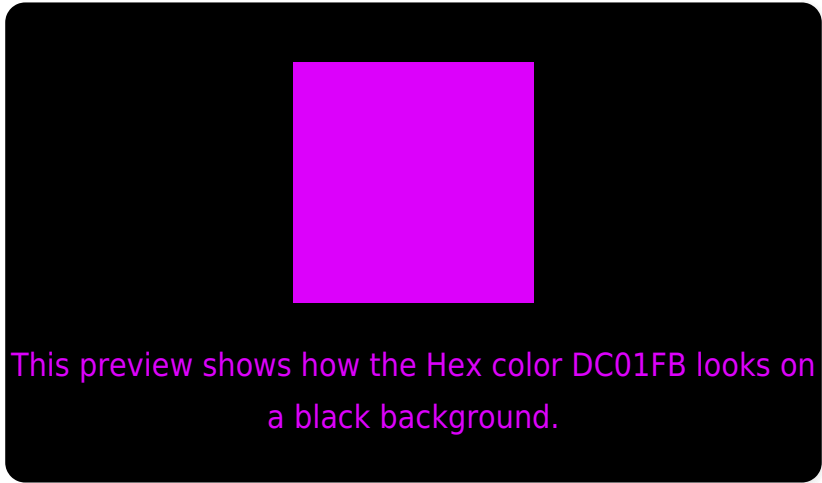
Large Text (above 18pt) WCAG AA ✓ Pass

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

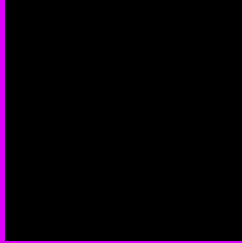
Any Text WCAG AA ✓ Pass

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 DC01FB Background



This preview shows how black text looks on a background with the Hex color DC01FB.



This preview shows how white text looks on a background with the Hex color DC01FB.

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
DC01FB

Protanopia
317FFF

Deuteranopia
0985EC



Tritanopia
C96269

Trichromacy



Original Color
DC01FB



Protanomaly
6F51FE



Deuteranomaly
5655F1



Tritanomaly
D03F9E

Monochromacy



Original Color
DC01FB



Achromatopsia
5F5F5F



Achromatomaly
8C3D98

CSS Examples

Text

The CSS property to change the color of the text to Hex DC01FB 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 #DC01FB looks like.

```
.text, #text, p{  
    color:#DC01FB  
}
```

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 #DC01FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC01FB
}
```

Border

The CSS property to change the border of an element to Hex DC01FB 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
#DC01FB }
```

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

```
.border{ border-color:#DC01FB }
```

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

Here you see how a box with a 4 pixel #DC01FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC01FB; -webkit-box-shadow:4px 4px  
4px 4px #DC01FB; box-shadow:4px 4px 4px  
4px #DC01FB }
```

Background

The CSS property to change the background color of an element to Hex DC01FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC01FB }
```

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

```
.background{ background-color:#DC01FB }
```

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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