

# Converting Colors

Hex(DC2BFF)

Have a look what the booklet for  
Hex(DC2BFF) contains.

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# Color

Hex(DC2BFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	DC2BFF
RGB	220, 43, 255
RGB Percent	86%, 17%, 100%
CMY	0.1373, 0.8314, 0.0000
CMYK	0.14, 0.83, 0.00, 0.00
HSL	290°, 100%, 58%
HSV	290°, 83%, 100%
XYZ	48.4291, 24.1634, 96.7192
YIQ	120.0910, 37.4400, 103.4560

# Conversions

## Conversions Part 2

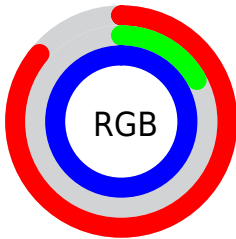
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 43, 255
Decimal	14429183
CIE <sub>Lab</sub>	56.25, 87.93, -67.69
CIE <sub>LCh</sub>	56, 110.963, 322.412
Y <sub>xy</sub>	24.1634, 0.2860, 0.1427
Android (android.graphics.Color)	4292619263 (0xFFDC2BFF)
Y <sub>UV</sub>	120.0910, 66.5101, 87.6202
Hunter-Lab	49.1563, 89.8358, -82.2488

# Details

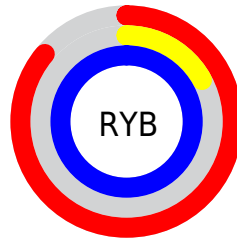
The Hex color **DC2BFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **4EFF2B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF71FF**, and **A000C5** is the 20% darker color. If you saturate the color by 10%, you get **D812FF**, and if you desaturate by 10%, it is **E045FF**.

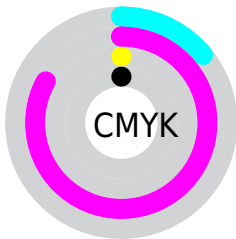
# Distribution



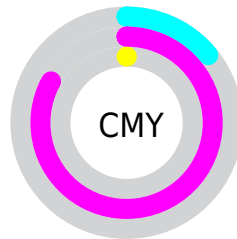
- Red (86%)
- Green (17%)
- Blue (100%)



- Red (86%)
- Yellow (17%)
- Blue (100%)



- Cyan (14%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (83%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC2BFF 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 DC2BFF by changing the saturation by 10% instead.



 DC2BFF

 DC2BFF

FFFFFF

 BE00E2

 FF71FF

 A000C5

 FF90FF

 8200A9

 FFAEFF

 64008E

 FFCCFF

 460073

 FFE8FF

 28005A

 000041

 00032A

 000114

 DC2BFF

 DC2BFF

 D812FF

 E045FF

 D500FF

 E45EFF

 E978FF

 ED91FF

 F1ABFF

 F5C4FF

 F9DEFF

 FEF7FF

FFFFFF

# Harmonies

## Analogous

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



007AFF



DC2BFF



FF00A4

# Triad

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



DC2BFF



B97B00



00ACCF

# Complementary

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



DC2BFF



4EFF2B

# 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.



00AA6A



DC2BFF



5D9700

# Square

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



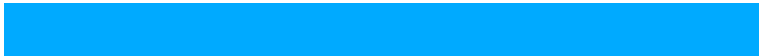
DC2BFF



FB4100



00A400



00AAFF

# Rectangle

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



DC2BFF



FF0065



00A400



00ACAE



# Sweetspot

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



DC2BFF



F4BFFF



2B4EFF



795980



000000



808080



# Same Dimension

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



DC2BFF



D500FF



FF2BB8



7D7380



A000BF



350040



# Inverse Universe

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



FF2B4E



FF002A



2BFF72



807375



BF0020



40000B



# Previews

## White Background



This preview shows how the Hex color DC2BFF looks on a white background.

## Color Contrast Check

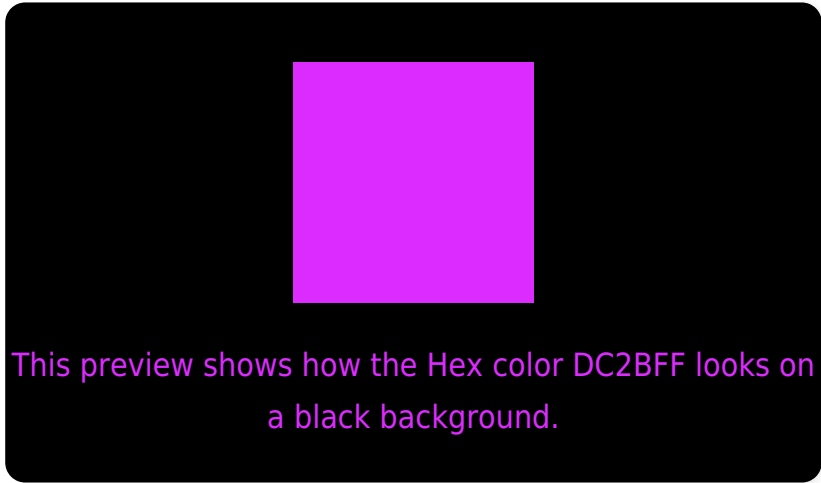
Large Text (above 18pt) WCAG AA ✓ Pass

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

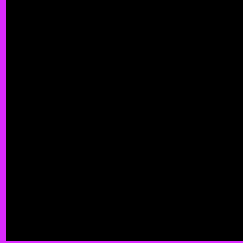
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DC2BFF Background



This preview shows how black text looks on a background with the Hex color DC2BFF.

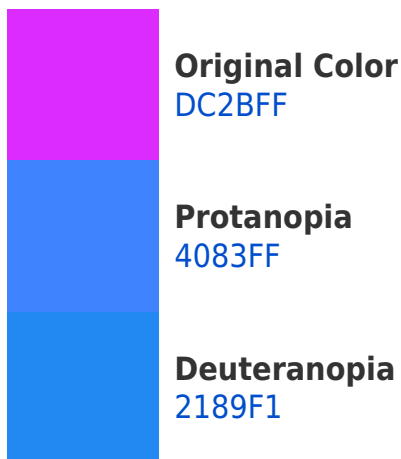



This preview shows how white text looks on a background with the Hex color DC2BFF.

# 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**  
C96A71

# Trichromacy



**Original Color**  
DC2BFF



**Protanomaly**  
7963FF



**Deuteranomaly**  
6567F6



**Tritanomaly**  
D053A5

# Monochromacy



**Original Color**  
DC2BFF



**Achromatopsia**  
787878



**Achromatomaly**  
9C5CA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC2BFF 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 #DC2BFF looks like.

```
.text, #text, p{  
    color:#DC2BFF  
}
```

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 #DC2BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2BFF
}
```

## Border

The CSS property to change the border of an element to Hex DC2BFF 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
#DC2BFF }
```

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

```
.border{ border-color:#DC2BFF }
```

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

Here you see how a box with a 4 pixel #DC2BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2BFF; -webkit-box-shadow:4px 4px  
4px 4px #DC2BFF; box-shadow:4px 4px 4px  
4px #DC2BFF }
```

# Background

The CSS property to change the background color of an element to Hex DC2BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2BFF }
```

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

```
.background{ background-color:#DC2BFF }
```

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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