

Converting Colors

Hex(D30BFF)

Have a look what the booklet for
Hex(D30BFF) contains.

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Color

Hex(D30BFF)

Conversions

Conversions Part 1

Format	Color
Hex	D30BFF
RGB	211, 11, 255
RGB Percent	83%, 4%, 100%
CMY	0.1725, 0.9569, 0.0000
CMYK	0.17, 0.96, 0.00, 0.00
HSL	289°, 100%, 52%
HSV	289°, 96%, 100%
XYZ	45.0336, 21.3082, 96.3471
YIQ	98.6160, 40.8760, 118.2840

Conversions

Conversions Part 2

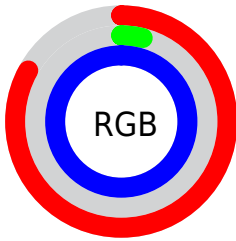
Format	Color
R _Y B	211, 11, 255
Decimal	13831167
CIE Lab	53.29, 91.15, -72.55
CIE LCh	53, 116.501, 321.482
Yxy	21.3082, 0.2768, 0.1310
Android (android.graphics.Color)	4292021247 (0xFFD30BFF)
YUV	98.6160, 77.0973, 98.5608
Hunter-Lab	46.1608, 93.3598, -91.4378

Details

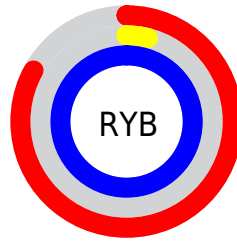
The Hex color **D30BFF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **37FF0B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF64FF**, and **9600C5** is the 20% darker color. If you saturate the color by 10%, you get **D100FF**, and if you desaturate by 10%, it is **D824FF**.

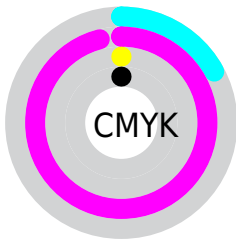
Distribution



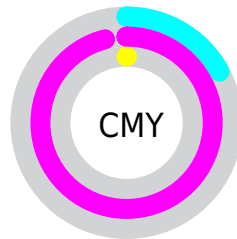
- Red (83%)
- Green (4%)
- Blue (100%)



- Red (83%)
- Yellow (4%)
- Blue (100%)



- Cyan (17%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30BFF 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 D30BFF by changing the saturation by 10% instead.

 D30BFF

 D30BFF

FFFFFF

 B500E2

 FF64FF

 9600C5

 FF83FF

 7800A9

 FFA2FF

 5A008E

 FFC0FF

 3C0073

 FFDEFF

 170059

 FFFDFF

 000041

 00032A

 000114

 D30BFF

 D30BFF

 D100FF

 D824FF

 DC3EFF

 E158FF

 E571FF

 EA8BFF

 EFA4FF

 F3BEFF

 F8D7FF

 FCF1FF

Harmonies

Analogous

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



0074FF



D30BFF



FF00A1

Triad

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



D30BFF



B37200



00A4C7

Complementary

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



D30BFF



37FF0B

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.



00A25E



D30BFF



538F00

Square

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



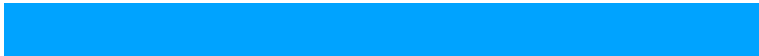
D30BFF



F72A00



009C00



00A3FF

Rectangle

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



D30BFF



FF005F



009C00



00A4A5

Sweetspot

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



D30BFF



F2B5FF



0B38FF



775380



000000



808080

Same Dimension

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



D30BFF



D100FF



FF0BB2



7D7380



9D00BF



340040

Inverse Universe

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



FF0B37



FF002E



0BFF58



807375



BF0022



40000B

Previews

White Background



This preview shows how the Hex color D30BFF looks on a white background.

Color Contrast Check

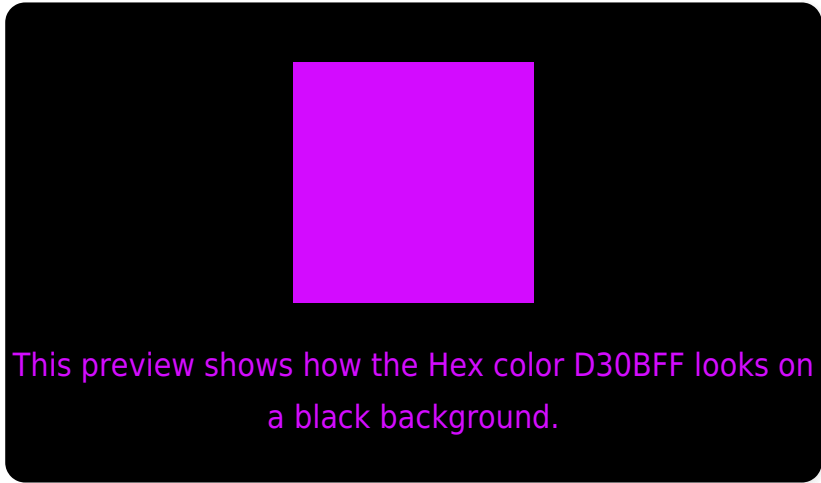
Large Text (above 18pt) WCAG AA ✓ Pass

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

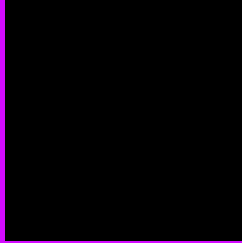
Any Text WCAG AA ✓ Pass

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 D30BFF Background



This preview shows how black text looks on a background with the Hex color D30BFF.



This preview shows how white text looks on a background with the Hex color D30BFF.

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
BF646B

Trichromacy



Original Color
D30BFF



Protanomaly
6353FF



Deuteranomaly
4D57EE



Tritanomaly
C644A1

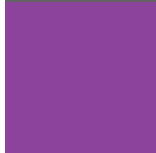
Monochromacy



Original Color
D30BFF



Achromatopsia
636363



Achromatomaly
8C439C

CSS Examples

Text

The CSS property to change the color of the text to Hex D30BFF 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 #D30BFF looks like.

```
.text, #text, p{  
    color:#D30BFF  
}
```

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 #D30BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30BFF
}
```

Border

The CSS property to change the border of an element to Hex D30BFF 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
#D30BFF }
```

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

```
.border{ border-color:#D30BFF }
```

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

Here you see how a box with a 4 pixel #D30BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30BFF; -webkit-box-shadow:4px 4px  
4px 4px #D30BFF; box-shadow:4px 4px 4px  
4px #D30BFF }
```

Background

The CSS property to change the background color of an element to Hex D30BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30BFF }
```

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

```
.background{ background-color:#D30BFF }
```

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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