

Converting Colors

Hex(D30FDB)

Have a look what the booklet for
Hex(D30FDB) contains.

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Color

Hex(D30FDB)

Conversions

Conversions Part 1

Format	Color
Hex	D30FDB
RGB	211, 15, 219
RGB Percent	83%, 6%, 86%
CMY	0.1725, 0.9412, 0.1412
CMYK	0.04, 0.93, 0.00, 0.14
HSL	298°, 87%, 46%
HSV	298°, 93%, 86%
XYZ	39.8210, 19.3050, 68.6453
YIQ	96.8600, 51.3320, 104.9960

Conversions

Conversions Part 2

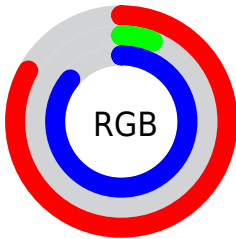
Format	Color
R_{YB}	211, 15, 219
Decimal	13832155
CIE Lab	51.04, 85.16, -55.90
CIE LCh	51, 101.869, 326.717
Yxy	19.3050, 0.3117, 0.1511
Android (android.graphics.Color)	4292022235 (0xFFD30FDB)
YUV	96.8600, 60.2150, 100.1008
Hunter-Lab	43.9375, 84.8858, -61.8749

Details

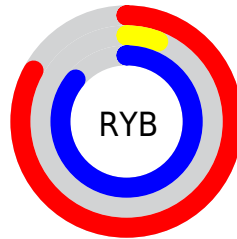
The Hex color **D30FDB** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **17DB0F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF62FF**, and **9700A3** is the 20% darker color. If you saturate the color by 10%, you get **D200DB**, and if you desaturate by 10%, it is **D425DB**.

Distribution



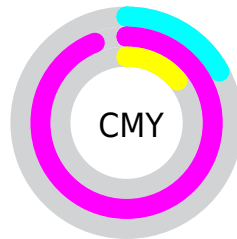
- Red (83%)
- Green (6%)
- Blue (86%)



- Red (83%)
- Yellow (6%)
- Blue (86%)



- Cyan (4%)
- Magenta (93%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (94%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30FDB 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 D30FDB by changing the saturation by 10% instead.

 D30FDB

 D30FDB

FFFFFF

 B500BF

 FF62FF

 9700A3

 FF81FF

 7A0088

 FFA0FF

 5D006E

 FFBEFF

 420055

 FFDCFF

 23003D

 FFFAFF

 000025

 00010E

 000000

 D30FDB

 D30FDB

 D200DB

 D425DB

 D53BDB

 D651DB

 D667DB

 D77DDB

 D892DB

 D9A8DB

 DABEDB

 DBD4DB

Harmonies

Analogous

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



3067FF



D30FDB



FF0087

Triad

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



D30FDB



9C7400



009BC7

Complementary

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



D30FDB



17DB0F

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.



009A6D



D30FDB



448B00

Square

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



D30FDB



DC4500



009500



0098FF

Rectangle

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



D30FDB



FF004F



009500



009BAA

Sweetspot

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



D30FDB



FCB8FF



0F19DB



7E5480



000000



808080

Same Dimension

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



D30FDB



F500FF



DB0F7F



6D636E



A700AD



2C002E

Inverse Universe

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



DB0F17



FF000A



0FDB6B



6E6363



AD0007



2E0002

Previews

White Background



This preview shows how the Hex color D30FDB looks on a white background.

Color Contrast Check

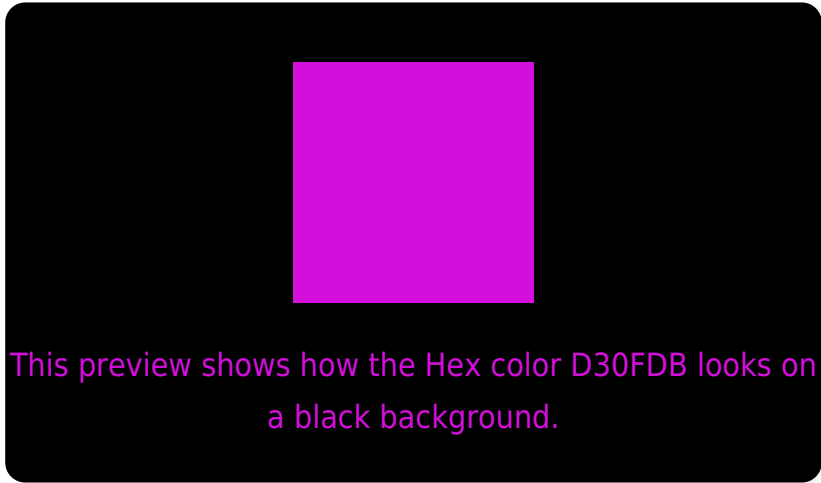
Large Text (above 18pt) WCAG AA ✓ Pass

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

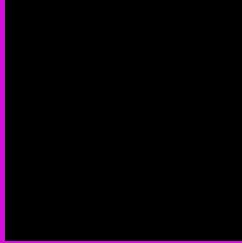
Any Text WCAG AA ✓ Pass

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 D30FDB Background



This preview shows how black text looks on a background with the Hex color D30FDB.



This preview shows how white text looks on a background with the Hex color D30FDB.

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
C5575C

Trichromacy



Original Color
D30FDB



Protanomaly
4D51EF



Deuteranomaly
7654D3



Tritanomaly
CA3D8A

Monochromacy



Original Color
D30FDB



Achromatopsia
616161



Achromatomaly
8A438D

CSS Examples

Text

The CSS property to change the color of the text to Hex D30FDB 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 #D30FDB looks like.

```
.text, #text, p{  
    color:#D30FDB  
}
```

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 #D30FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30FDB
}
```

Border

The CSS property to change the border of an element to Hex D30FDB 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
#D30FDB }
```

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

```
.border{ border-color:#D30FDB }
```

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

Here you see how a box with a 4 pixel #D30FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30FDB; -webkit-box-shadow:4px 4px  
4px 4px #D30FDB; box-shadow:4px 4px 4px  
4px #D30FDB }
```

Background

The CSS property to change the background color of an element to Hex D30FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30FDB }
```

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

```
.background{ background-color:#D30FDB }
```

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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