

Converting Colors

Hex(1D00F8)

Have a look what the booklet for
Hex(1D00F8) contains.

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Color

Hex(1D00F8)

Conversions

Conversions Part 1

Format	Color
Hex	1D00F8
RGB	29, 0, 248
RGB Percent	11%, 0%, 97%
CMY	0.8863, 1.0000, 0.0275
CMYK	0.88, 1.00, 0.00, 0.03
HSL	247°, 100%, 49%
HSV	247°, 100%, 97%
XYZ	17.4500, 7.0385, 89.2458
YIQ	36.9430, -62.3240, 83.2760

Conversions

Conversions Part 2

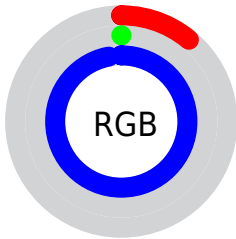
Format	Color
R _Y B	29, 0, 248
Decimal	1900792
CIE Lab	31.89, 77.74, -104.59
CIE LCh	32, 130.318, 306.620
Yxy	7.0385, 0.1534, 0.0619
Android (android.graphics.Color)	4280090872 (0xFF1D00F8)
YUV	36.9430, 104.0511, -6.9660
Hunter-Lab	26.5302, 70.9787, -180.8763

Details

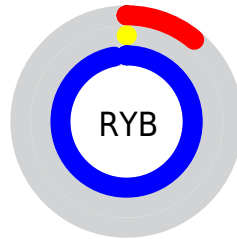
The Hex color **1D00F8** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **DBF800**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7D47FF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **1D00F8**, and if you desaturate by 10%, it is **3319F8**.

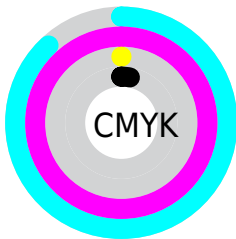
Distribution



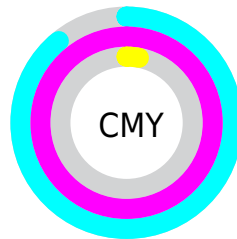
- Red (11%)
- Green (0%)
- Blue (97%)



- Red (11%)
- Yellow (0%)
- Blue (97%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (89%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D00F8 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 1D00F8 by changing the saturation by 10% instead.

 1D00F8

 1D00F8

FFFFFF

 0000DB

 7D47FF

 0000BE

 A063FF

 0000A1

 C27EFF

 000086

 E29AFF

 00116B

 FFB6FF

 000B52

 FFD3FF

 00053A

 FFF0FF

 000223

 00000B

 1D00F8


 3319F8

 4932F8

 5F4AF8

 7563F8

 8B7CF8

 A095F8

 B6AEF8

 CCC6F8

 E2DFF8

Harmonies

Analogous

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



005CFF



1D00F8



C9009F

Triad

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



1D00F8



981000



006761

Complementary

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



1D00F8



DBF800

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.



006400



1D00F8



485000

Square

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



1D00F8



D00000



006000



006BC8

Rectangle

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



1D00F8



E5005C



006000



00663D

Sweetspot

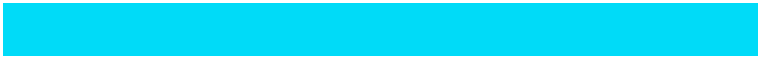
The Sweet Spot groups the original color and five complimentary colors.



1D00F8



BBB3FF



00DBF8



575280



000000



808080

Same Dimension

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



1D00F8



1E00FF



9900F8



72707D



1600BD



07003D

Inverse Universe

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



F800DB



FF00E1



5FF800



7D707B



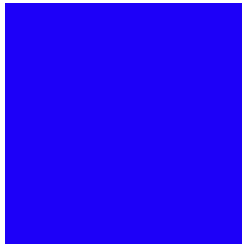
BD00A7



3D0036

Previews

White Background



This preview shows how the Hex color 1D00F8 looks on a white background.

Color Contrast Check

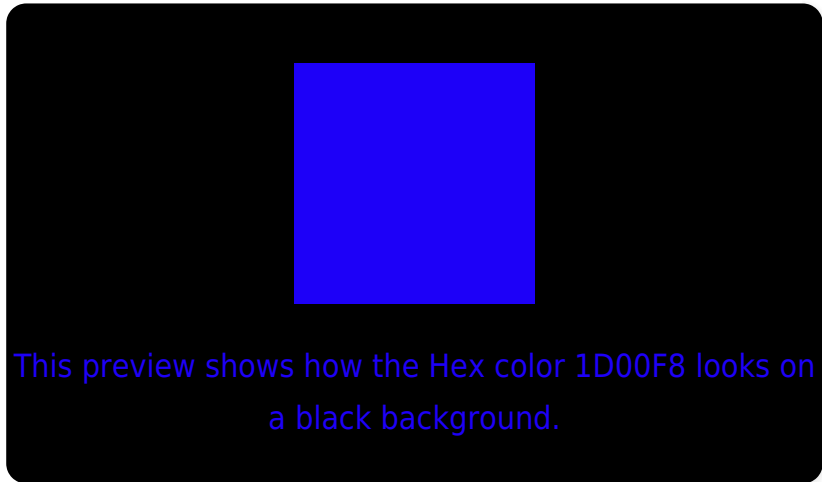
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

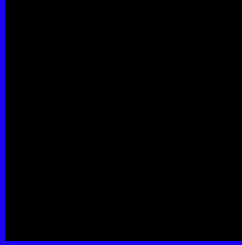
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1D00F8 Background



This preview shows how black text looks on a background with the Hex color 1D00F8.



This preview shows how white text looks on a background with the Hex color 1D00F8.

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



Trichromacy



Original Color
1D00F8

Protanomaly
0B2EBC

Deuteranomaly
0B32AD

Monochromacy



Original Color
1D00F8

Achromatopsia
252525

Achromatomaly
221872

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D00F8 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 #1D00F8 looks like.

```
.text, #text, p{  
    color:#1D00F8  
}
```

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 #1D00F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D00F8
}
```

Border

The CSS property to change the border of an element to Hex 1D00F8 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
#1D00F8 }
```

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

```
.border{ border-color:#1D00F8 }
```

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

Here you see how a box with a 4 pixel #1D00F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D00F8; -webkit-box-shadow:4px 4px  
4px 4px #1D00F8; box-shadow:4px 4px 4px  
4px #1D00F8 }
```

Background

The CSS property to change the background color of an element to Hex 1D00F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D00F8 }
```

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

```
.background{ background-color:#1D00F8 }
```

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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