

Converting Colors

Hex(1D00F6)

Have a look what the booklet for
Hex(1D00F6) contains.

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Color

Hex(1D00F6)

Conversions

Conversions Part 1

Format	Color
Hex	1D00F6
RGB	29, 0, 246
RGB Percent	11%, 0%, 96%
CMY	0.8863, 1.0000, 0.0353
CMYK	0.88, 1.00, 0.00, 0.04
HSL	247°, 100%, 48%
HSV	247°, 100%, 96%
XYZ	17.1412, 6.9150, 87.6201
YIQ	36.7150, -61.6820, 82.6540

Conversions

Conversions Part 2

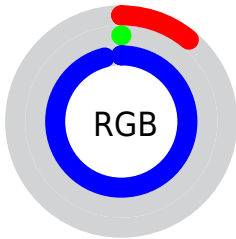
Format	Color
R _Y B	29, 0, 246
Decimal	1900790
CIE Lab	31.61, 77.26, -103.94
CIE LCh	32, 129.509, 306.626
Yxy	6.9150, 0.1535, 0.0619
Android (android.graphics.Color)	4280090870 (0xFF1D00F6)
YUV	36.7150, 103.1775, -6.7661
Hunter-Lab	26.2964, 70.3358, -179.1475

Details

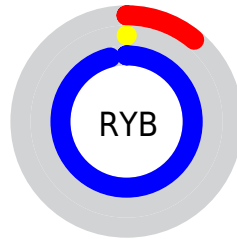
The Hex color **1D00F6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **D9F600**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7C47FF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **1D00F6**, and if you desaturate by 10%, it is **3319F6**.

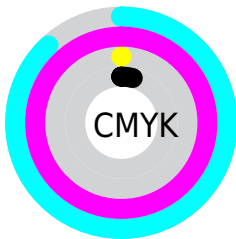
Distribution



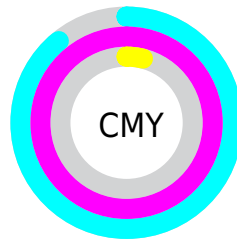
- Red (11%)
- Green (0%)
- Blue (96%)



- Red (11%)
- Yellow (0%)
- Blue (96%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (89%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D00F6 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 1D00F6 by changing the saturation by 10% instead.

 1D00F6

 1D00F6

FFFFFF

 0000D9

 7C47FF

 0000BC

 9F62FF

 0000A0

 C17EFF

 000084

 E29AFF

 00116A

 FFB6FF

 000A50

 FFD3FF

 000538

 FFF0FF

 000222

 000008

 1D00F6

 3319F6

 4831F6

 5E4AF6

 7462F6

 8A7BF6

 9F94F6

 B5ACF6

 CBC5F6

 E0DDF6

Harmonies

Analogous

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



005BFF



1D00F6



C7009E

Triad

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



1D00F6



971000



006660

Complementary

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



1D00F6



D9F600

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.



006300



1D00F6



474F00

Square

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



1D00F6



CF0000



005F00



006AC7

Rectangle

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



1D00F6



E3005B



005F00



00653C

Sweetspot

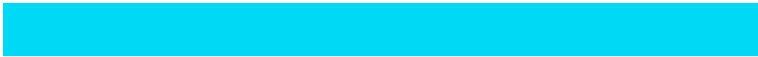
The Sweet Spot groups the original color and five complimentary colors.



1D00F6



BCB3FF



00D9F6



575280



000000



808080

Same Dimension

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



1D00F6



1E00FF



9800F6



706E7A



1600BA



07003B

Inverse Universe

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



F600D9



FF00E1



5EF600



7A6E79



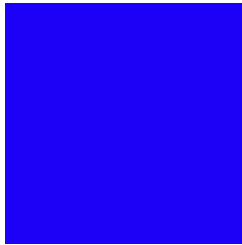
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 1D00F6 looks on a white background.

Color Contrast Check

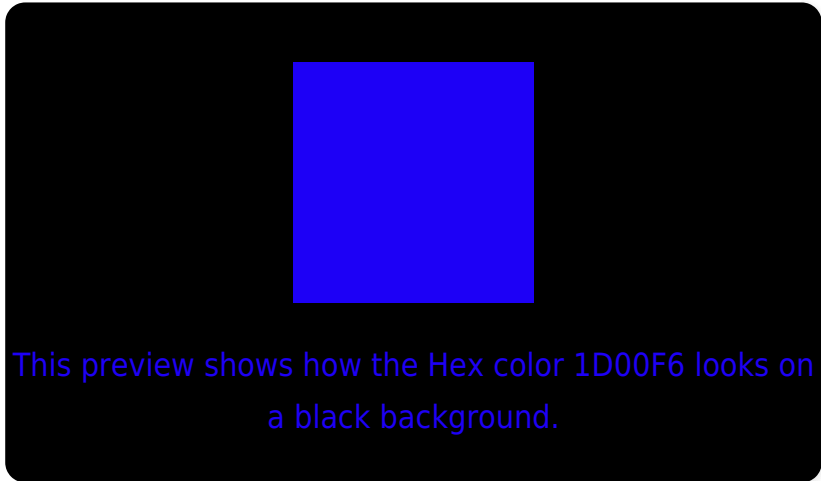
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D00F6 Background



This preview shows how black text looks on a background with the Hex color 1D00F6.



This preview shows how white text looks on a background with the Hex color 1D00F6.

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
1D00F6

Protanopia
004998

Deuteranopia
004E81

Trichromacy



Original Color
1D00F6

Protanomaly
0B2EBA

Deuteranomaly
0B32AC

Tritanomaly
0B3591

Monochromacy



Original Color
1D00F6

Achromatopsia
252525

Achromatomaly
221871

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D00F6 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 #1D00F6 looks like.

```
.text, #text, p{  
    color:#1D00F6  
}
```

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 #1D00F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D00F6
}
```

Border

The CSS property to change the border of an element to Hex 1D00F6 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
#1D00F6 }
```

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

```
.border{ border-color:#1D00F6 }
```

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

Here you see how a box with a 4 pixel #1D00F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D00F6; -webkit-box-shadow:4px 4px  
4px 4px #1D00F6; box-shadow:4px 4px 4px  
4px #1D00F6 }
```

Background

The CSS property to change the background color of an element to Hex 1D00F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D00F6 }
```

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

```
.background{ background-color:#1D00F6 }
```

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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