

Converting Colors

Hex(1D00DE)

Have a look what the booklet for
Hex(1D00DE) contains.

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Color

Hex(1D00DE)

Conversions

Conversions Part 1

Format	Color
Hex	1D00DE
RGB	29, 0, 222
RGB Percent	11%, 0%, 87%
CMY	0.8863, 1.0000, 0.1294
CMYK	0.87, 1.00, 0.00, 0.13
HSL	248°, 100%, 44%
HSV	248°, 100%, 87%
XYZ	13.6915, 5.5351, 69.4540
YIQ	33.9790, -53.9780, 75.1900

Conversions

Conversions Part 2

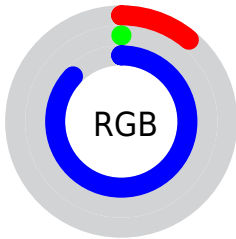
Format	Color
RYB	29, 0, 222
Decimal	1900766
CIELab	28.21, 71.55, -95.94
CIElCh	28, 119.687, 306.715
Yxy	5.5351, 0.1544, 0.0624
Android (android.graphics.Color)	4280090846 (0xFF1D00DE)
YUV	33.9790, 92.6944, -4.3666
Hunter-Lab	23.5269, 62.7064, -158.5620

Details

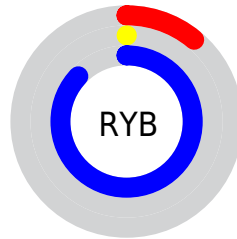
The Hex color **1D00DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C1DE00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7643FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **1D00DE**, and if you desaturate by 10%, it is **3016DE**.

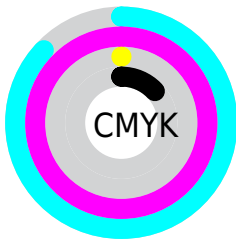
Distribution



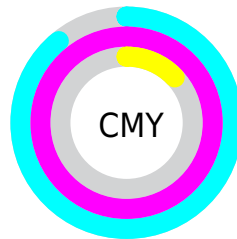
- Red (11%)
- Green (0%)
- Blue (87%)



- Red (11%)
- Yellow (0%)
- Blue (87%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (89%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D00DE 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 1D00DE by changing the saturation by 10% instead.

 1D00DE

 1D00DE

FFFFFF

 0000C1


 7643FF

 0000A5

 985EFF

 00008A

 B879FF

 00046F

 D995FF

 000C55

 F9B1FF

 00063D

 FFCDFD

 000326

 FFEAFF

 00010F

 000000

 1D00DE

 3016DE

 442CDE

 5743DE

 6A59DE

 7D6FDE

 9185DE

 A49BDE

 B7B2DE

 CBC8DE

Harmonies

Analogous

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



0051FF



1D00DE



B4008E

Triad

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



1D00DE



880F00



005C57

Complementary

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



1D00DE



C1DE00

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.



005A00



1D00DE



404700

Square

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



1D00DE



BB0000



005500



0060B3

Rectangle

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



1D00DE



CD0052



005500



005B36

Sweetspot

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



1D00DE



BCB3FF



00C4DE



585280



000000



808080

Same Dimension

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



1D00DE



2100FF



8900DE



666570



1700B0



060030

Inverse Universe

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



DE00C1



FF00DE



55DE00



70656F



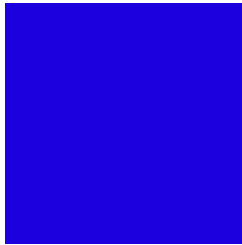
B00099



30002A

Previews

White Background



This preview shows how the Hex color 1D00DE looks on a white background.

Color Contrast Check

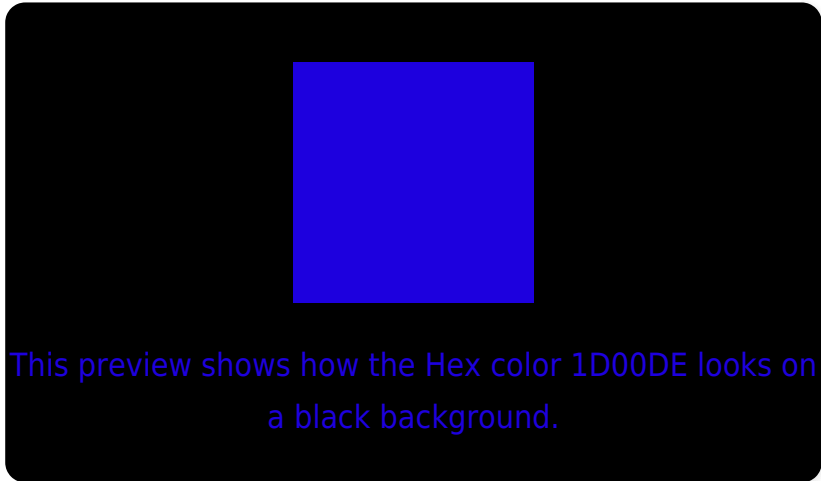
Large Text (above 18pt) WCAG AA ✓ Pass

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

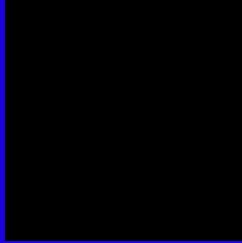
Any Text WCAG AA × Fail

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 1D00DE Background



This preview shows how black text looks on a background with the Hex color 1D00DE.



This preview shows how white text looks on a background with the Hex color 1D00DE.

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
004C4F

Trichromacy



Original Color
1D00DE

Protanomaly
0B2AA9

Deuteranomaly
0B2D9B

Tritanomaly
0B3083

Monochromacy



Original Color
1D00DE

Achromatopsia
222222

Achromatomaly
201666

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D00DE 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 #1D00DE looks like.

```
.text, #text, p{  
    color:#1D00DE  
}
```

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 #1D00DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D00DE
}
```

Border

The CSS property to change the border of an element to Hex 1D00DE 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".

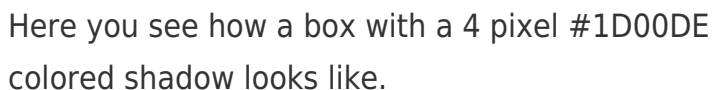
```
.border, #border, table{ border:4px solid
#1D00DE }
```

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

```
.border{ border-color:#1D00DE }
```

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

Here you see how a box with a 4 pixel #1D00DE colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #1D00DE colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D00DE; -webkit-box-shadow:4px 4px  
4px 4px #1D00DE; box-shadow:4px 4px 4px  
4px #1D00DE }
```

Background

The CSS property to change the background color of an element to Hex 1D00DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D00DE }
```

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

```
.background{ background-color:#1D00DE }
```

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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