

Converting Colors

Hex(00DE1B)

Have a look what the booklet for
Hex(00DE1B) contains.

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Color

Hex(00DE1B)

Conversions

Conversions Part 1

Format	Color
Hex	00DE1B
RGB	0, 222, 27
RGB Percent	0%, 87%, 11%
CMY	1.0000, 0.1294, 0.8941
CMYK	1.00, 0.00, 0.88, 0.13
HSL	127°, 100%, 44%
HSV	127°, 100%, 87%
XYZ	26.3191, 52.3217, 9.7488
YIQ	133.3920, -69.7170, -107.7090

Conversions

Conversions Part 2

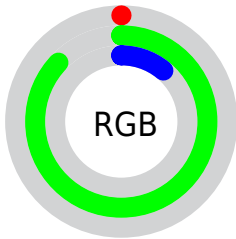
Format	Color
RYB	0, 198, 222
Decimal	56859
CIELab	77.47, -77.00, 71.69
CIELCh	77, 105.206, 137.048
Yxy	52.3217, 0.2978, 0.5919
Android (android.graphics.Color)	4278246939 (0xFF00DE1B)
YUV	133.3920, -52.4513, -116.9848
Hunter-Lab	72.3337, -61.6356, 42.6427

Details

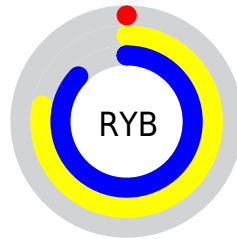
The Hex color **00DE1B** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DE00C3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6EFF5E**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **00DE1B**, and if you desaturate by 10%, it is **16DE2E**.

Distribution



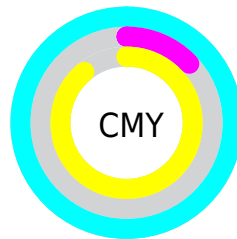
- Red (0%)
- Green (87%)
- Blue (11%)



- Red (0%)
- Yellow (78%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00DE1B 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 00DE1B by changing the saturation by 10% instead.

 00DE1B

 00DE1B

FFFFFF

 00C100

 6EFF5E

 00A500

 90FF7B

 008900

 B1FF98

 006E00

 D1FFB5

 005400

 F0FFD2

 003C00

 FFFFF0

 002100

 000000

 00DE1B

 16DE2E

 2CDE42

 43DE56

 59DE69

 6FDE7C

 85DE90

 9BDEA3

 B2DEB7

 C8DECB

Harmonies

Analogous

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



B3CC00



00DE1B



00E790

Triad

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



00DE1B



00D7FF



FF418D

Complementary

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



00DE1B



DE00C3

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.



FF49EE



00DE1B



00B8FF

Square

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



00DE1B



00E6FF



FF86FF



FF7B2B

Rectangle

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



00DE1B



00E9D5



FF86FF



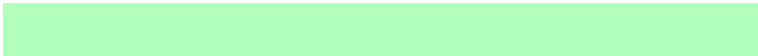
FF37AD

Sweetspot

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



00DE1B



B3FFBC



C4DE00



528057



000000



808080

Same Dimension

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



00DE1B



00FF1F



00DE89



657066



00B015



003006

Inverse Universe

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



DE00C3



FF00E0



DE0055



70656F



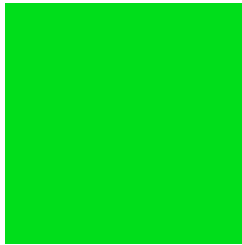
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 00DE1B looks on a white background.

Color Contrast Check

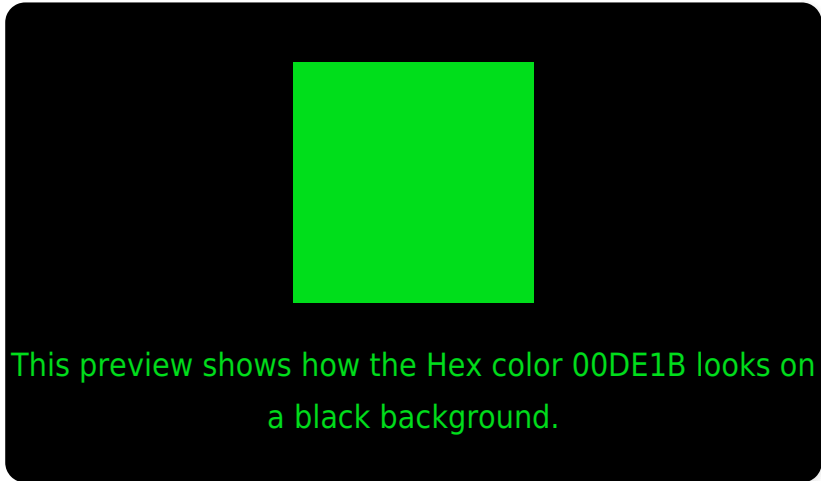
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

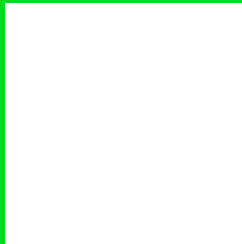
Any Text WCAG AAA ✓ Pass

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

Hex 00DE1B Background



This preview shows how black text looks on a background with the Hex color 00DE1B.



This preview shows how white text looks on a background with the Hex color 00DE1B.

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](#).

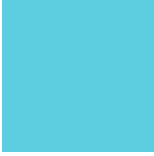
Dichromacy



Original Color
00DE1B

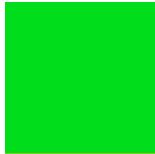
Protanopia
D6BE0F

Deuteranopia
EEB436



Tritanopia
5DCEDF

Trichromacy



Original Color
00DE1B



Protanomaly
88CA13



Deuteranomaly
97C32C



Tritanomaly
3BD498

Monochromacy



Original Color
00DE1B



Achromatopsia
858585



Achromatomaly
55A55E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DE1B 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 #00DE1B looks like.

```
.text, #text, p{  
    color:#00DE1B  
}
```

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 #00DE1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DE1B
}
```

Border

The CSS property to change the border of an element to Hex 00DE1B 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
#00DE1B }
```

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

```
.border{ border-color:#00DE1B }
```

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

Here you see how a box with a 4 pixel #00DE1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DE1B; -webkit-box-shadow:4px 4px  
4px 4px #00DE1B; box-shadow:4px 4px 4px  
4px #00DE1B }
```

Background

The CSS property to change the background color of an element to Hex 00DE1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DE1B }
```

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

```
.background{ background-color:#00DE1B }
```

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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