

Converting Colors

Hex(00DB15)

Have a look what the booklet for
Hex(00DB15) contains.

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Color

Hex(00DB15)

Conversions

Conversions Part 1

Format	Color
Hex	00DB15
RGB	0, 219, 21
RGB Percent	0%, 86%, 8%
CMY	1.0000, 0.1412, 0.9176
CMYK	1.00, 0.00, 0.90, 0.14
HSL	126°, 100%, 43%
HSV	126°, 100%, 86%
XYZ	25.4669, 50.7172, 9.1566
YIQ	130.9470, -66.9660, -108.0060

Conversions

Conversions Part 2

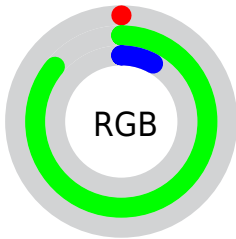
Format	Color
RYB	0, 200, 219
Decimal	56085
CIELab	76.51, -76.40, 71.87
CIELCh	77, 104.891, 136.748
Yxy	50.7172, 0.2984, 0.5943
Android (android.graphics.Color)	4278246165 (0xFF00DB15)
YUV	130.9470, -54.2039, -114.8405
Hunter-Lab	71.2160, -60.7963, 42.2280

Details

The Hex color **00DB15** 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 **DB00C6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6DFF5B**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **00DB15**, and if you desaturate by 10%, it is **16DB29**.

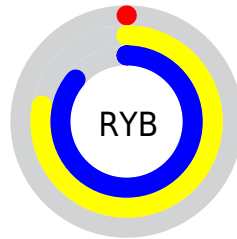
Distribution



Red (0%)

Green (86%)

Blue (8%)



Red (0%)

Yellow (78%)

Blue (86%)

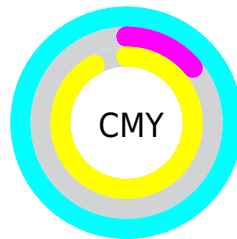


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (14%)



Cyan (100%)

Magenta (14%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DB15 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 00DB15 by changing the saturation by 10% instead.

 00DB15

 00DB15

FFFFFF

 00BE00

 6DFF5B

 00A200

 8FFF78

 008700

 B0FF95

 006C00

 D0FFB2

 005100

 EFFFCE

 003900

 FFFFEC

 001F00

 000000

 00DB15

 16DB29

 2CDB3D

 42DB50

 58DB64

 6EDB78

 83DB8C

 99DBA0

 AFDDB3

 C5DBC7

Harmonies

Analogous

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



B1C900



00DB15



00E48D

Triad

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



00DB15



00D5FF



FF3D8B

Complementary

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



00DB15



DB00C6

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.



FF46EC



00DB15



00B6FF

Square

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



00DB15



00E3FF



FF84FF



FF782A

Rectangle

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



00DB15



00E6D1



FF84FF



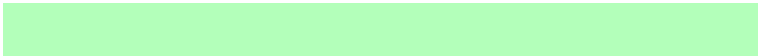
FF32AB

Sweetspot

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



00DB15



B3FFBA



C9DB00



528056



000000



808080

Same Dimension

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



00DB15



00FF18



00DB80



636E64



00AD11



002E04

Inverse Universe

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



DB00C6



FF00E7



DB005B



6E636D



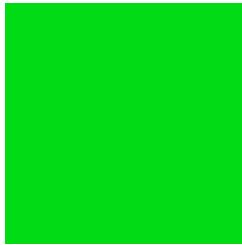
AD009D



2E0029

Previews

White Background



This preview shows how the Hex color 00DB15 looks on a white background.

Color Contrast Check

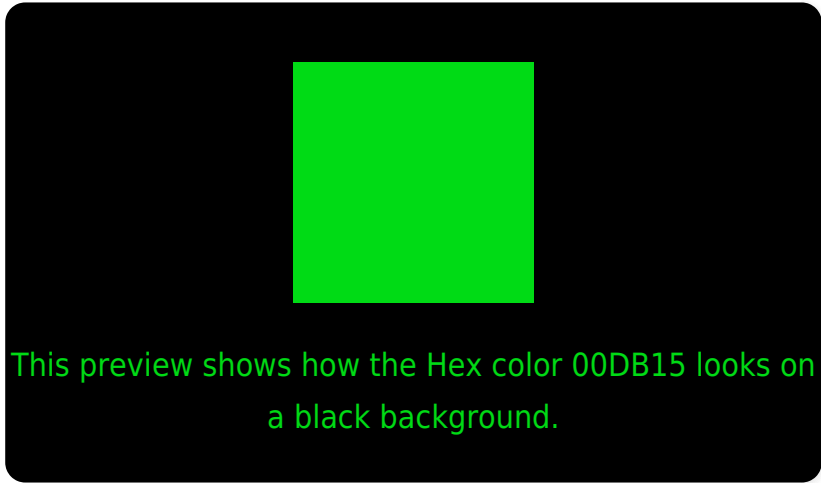
Large Text (above 18pt) WCAG AA × Fail

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

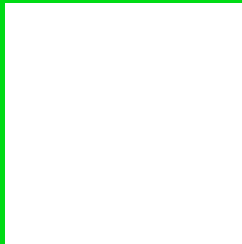
Any Text WCAG AAA ✓ Pass

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

Hex 00DB15 Background



This preview shows how black text looks on a background with the Hex color 00DB15.

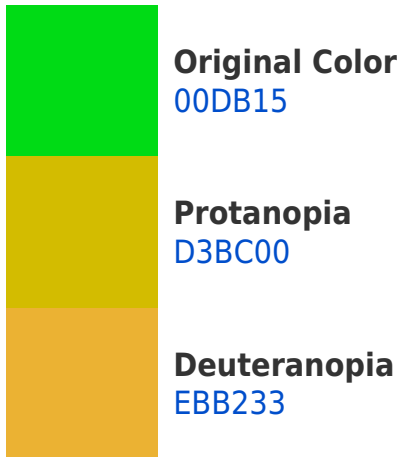


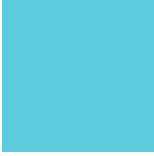
This preview shows how white text looks on a background with the Hex color 00DB15.

Color Blindness Simulation

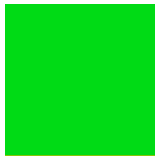
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
00DB15



Protanomaly
86C708

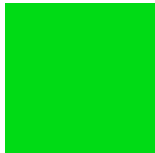


Deuteranomaly
96C128



Tritanomaly
3BD194

Monochromacy



Original Color
00DB15



Achromatopsia
838383



Achromatomaly
53A35B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DB15 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 #00DB15 looks like.

```
.text, #text, p{  
    color:#00DB15  
}
```

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 #00DB15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DB15
}
```

Border

The CSS property to change the border of an element to Hex 00DB15 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
#00DB15 }
```

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

```
.border{ border-color:#00DB15 }
```

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

Here you see how a box with a 4 pixel #00DB15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DB15; -webkit-box-shadow:4px 4px  
4px 4px #00DB15; box-shadow:4px 4px 4px  
4px #00DB15 }
```

Background

The CSS property to change the background color of an element to Hex 00DB15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DB15 }
```

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

```
.background{ background-color:#00DB15 }
```

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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