

Converting Colors

Hex(00DB12)

Have a look what the booklet for
Hex(00DB12) contains.

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Color

Hex(00DB12)

Conversions

Conversions Part 1

Format	Color
Hex	00DB12
RGB	0, 219, 18
RGB Percent	0%, 86%, 7%
CMY	1.0000, 0.1412, 0.9294
CMYK	1.00, 0.00, 0.92, 0.14
HSL	125°, 100%, 43%
HSV	125°, 100%, 86%
XYZ	25.4407, 50.7067, 9.0188
YIQ	130.6050, -66.0030, -108.9390

Conversions

Conversions Part 2

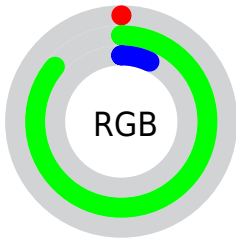
Format	Color
RYB	0, 202, 219
Decimal	56082
CIELab	76.50, -76.48, 72.30
CIELCh	77, 105.247, 136.608
Yxy	50.7067, 0.2987, 0.5954
Android (android.graphics.Color)	4278246162 (0xFF00DB12)
YUV	130.6050, -55.5143, -114.5406
Hunter-Lab	71.2086, -60.8425, 42.3368

Details

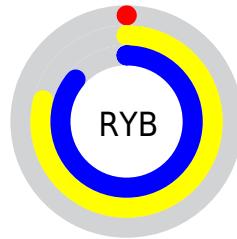
The Hex color **00DB12** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DB00C9**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6EFF5A**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **00DB12**, and if you desaturate by 10%, it is **16DB26**.

Distribution



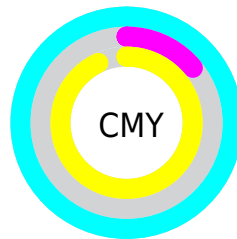
- Red (0%)
- Green (86%)
- Blue (7%)



- Red (0%)
- Yellow (79%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DB12 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 00DB12 by changing the saturation by 10% instead.

 00DB12

 00DB12

FFFFFF

 00BE00

 6EFF5A

 00A200

 8FFF77

 008700

 B0FF94

 006C00

 D0FFB1

 005100

 EFFFCE

 003900

 FFFFEB

 001F00

 000000

 00DB12

 16DB26

 2CDB3A

 42DB4E

 58DB62

 6EDB76

 83DB8B

 99DB9F

 AFDDB3

 C5DBC7

Harmonies

Analogous

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



B1C900



00DB12



00E48C

Triad

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



00DB12



00D5FF



FF3C8C

Complementary

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



00DB12



DB00C9

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.



FF45ED



00DB12



00B6FF

Square

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



00DB12



00E3FF



FF84FF



FF772A

Rectangle

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



00DB12



00E6D1



FF84FF



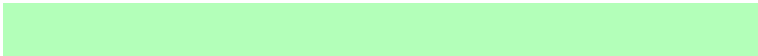
FF31AC

Sweetspot

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



00DB12



B3FFB9



CCDB00



528055



000000



808080

Same Dimension

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



00DB12



00FF15



00DB7C



636E64



00AD0E



002E04

Inverse Universe

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



DB00C9



FF00EA



DB005F



6E636D



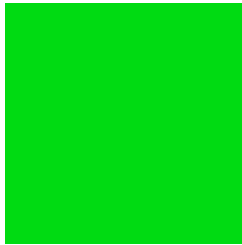
AD009F



2E002A

Previews

White Background



This preview shows how the Hex color 00DB12 looks on a white background.

Color Contrast Check

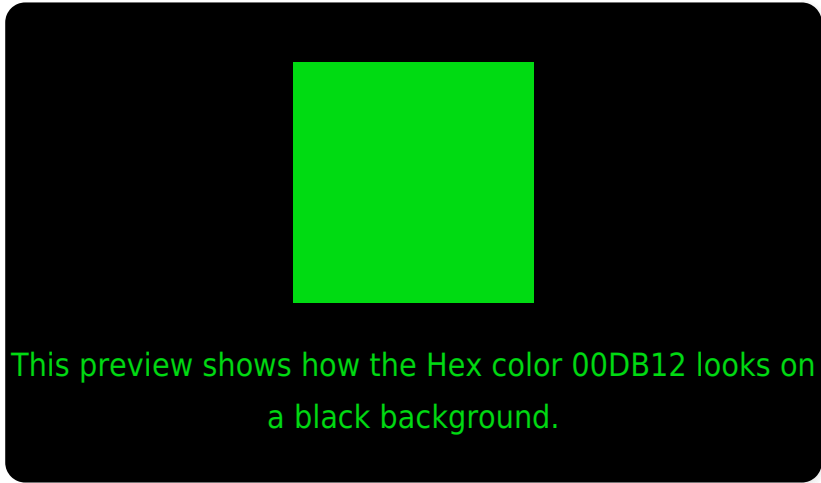
Large Text (above 18pt) WCAG AA × Fail

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

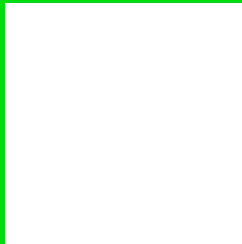
Any Text WCAG AAA ✓ Pass

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

Hex 00DB12 Background



This preview shows how black text looks on a background with the Hex color 00DB12.



This preview shows how white text looks on a background with the Hex color 00DB12.

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](#).

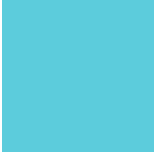
Dichromacy



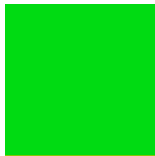
Original Color
00DB12

Protanopia
D3BC00

Deuteranopia
EBB132



Trichromacy



Original Color
00DB12



Protanomaly
86C707

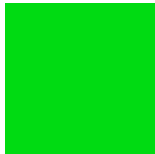


Deuteranomaly
96C026



Tritanomaly
3BD193

Monochromacy



Original Color
00DB12



Achromatopsia
838383



Achromatomaly
53A35A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DB12 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 #00DB12 looks like.

```
.text, #text, p{  
    color:#00DB12  
}
```

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 #00DB12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DB12
}
```

Border

The CSS property to change the border of an element to Hex 00DB12 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
#00DB12 }
```

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

```
.border{ border-color:#00DB12 }
```

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

Here you see how a box with a 4 pixel #00DB12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DB12; -webkit-box-shadow:4px 4px  
4px 4px #00DB12; box-shadow:4px 4px 4px  
4px #00DB12 }
```

Background

The CSS property to change the background color of an element to Hex 00DB12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DB12 }
```

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

```
.background{ background-color:#00DB12 }
```

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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