

Converting Colors

Hex(00DC51)

Have a look what the booklet for
Hex(00DC51) contains.

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Color

Hex(00DC51)

Conversions

Conversions Part 1

Format	Color
Hex	00DC51
RGB	0, 220, 81
RGB Percent	0%, 86%, 32%
CMY	1.0000, 0.1373, 0.6824
CMYK	1.00, 0.00, 0.63, 0.14
HSL	142°, 100%, 43%
HSV	142°, 100%, 86%
XYZ	27.0784, 51.7805, 16.3520
YIQ	138.3740, -86.5010, -89.8690

Conversions

Conversions Part 2

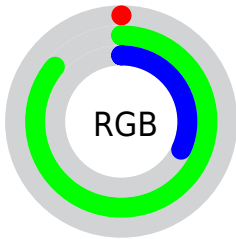
Format	Color
RYB	0, 161, 220
Decimal	56401
CIELab	77.15, -72.50, 54.29
CIELCh	77, 90.580, 143.173
Yxy	51.7805, 0.2844, 0.5439
Android (android.graphics.Color)	4278246481 (0xFF00DC51)
YUV	138.3740, -28.2854, -121.3540
Hunter-Lab	71.9587, -58.7572, 36.8979

Details

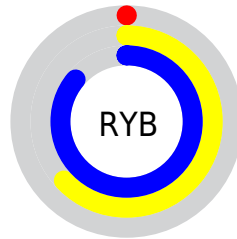
The Hex color **00DC51** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DC008B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6BFF87**, and **00A316** is the 20% darker color. If you saturate the color by 10%, you get **00DC51**, and if you desaturate by 10%, it is **16DC5F**.

Distribution



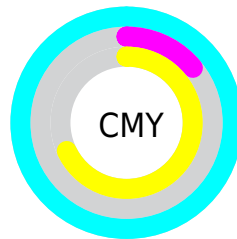
- Red (0%)
- Green (86%)
- Blue (32%)



- Red (0%)
- Yellow (63%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DC51 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 00DC51 by changing the saturation by 10% instead.

 00DC51

 00DC51

FFFFFF

 00BF36

 6BFF87

 00A316

 8DFFA3

 008800

 ADFFBF

 006D00

 CCFFDB

 005300

 ECFFF9

 003B00

 002100

 000000

 00DC51

 16DC5F

 2CDC6D

 42DC7B

 58DC89

 6EDC97

 84DCA4

 9ADCB2

 B0DCC0

 C6DCCE

Harmonies

Analogous

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



A6CD00



00DC51



00E3A8

Triad

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



00DC51



00CFFF



FF6A82

Complementary

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



00DC51



DC008B

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.



FF63D5



00DC51



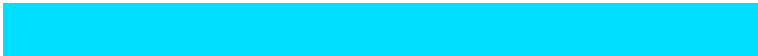
90B1FF

Square

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



00DC51



00DFFF



FF87FF



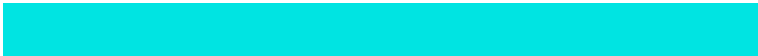
FF9033

Rectangle

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



00DC51



00E4E2



FF87FF



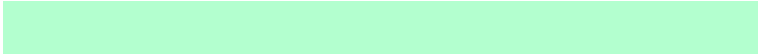
FF629D

Sweetspot

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



00DC51



B3FFCF



8BDC00



528062



000000



808080

Same Dimension

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



00DC51



00FF5E



00DCBF



636E67



00AD40



002E11

Inverse Universe

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



DC008B



FF00A1



DC001D



6E636A



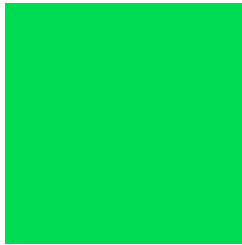
AD006E



2E001D

Previews

White Background



This preview shows how the Hex color 00DC51 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



This preview shows how the Hex color 00DC51 looks on a 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 00DC51 Background



This preview shows how black text looks on a background with the Hex color 00DC51.

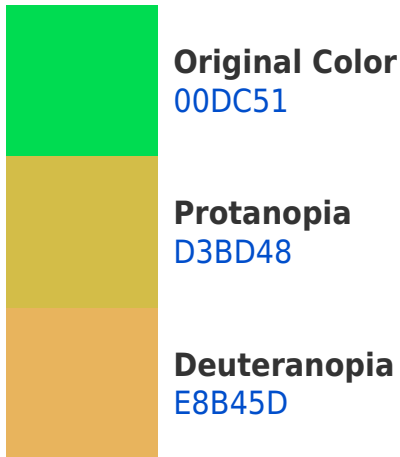


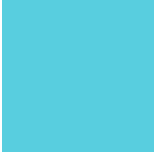
This preview shows how white text looks on a background with the Hex color 00DC51.

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
58CEDF

Trichromacy



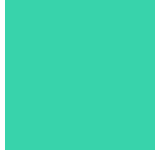
Original Color
00DC51



Protanomaly
86C84B



Deuteranomaly
94C359



Tritanomaly
38D3AB

Monochromacy



Original Color
00DC51



Achromatopsia
8A8A8A



Achromatomaly
58A875

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DC51 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 #00DC51 looks like.

```
.text, #text, p{  
    color:#00DC51  
}
```

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 #00DC51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DC51
}
```

Border

The CSS property to change the border of an element to Hex 00DC51 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
#00DC51 }
```

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

```
.border{ border-color:#00DC51 }
```

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

Here you see how a box with a 4 pixel #00DC51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DC51; -webkit-box-shadow:4px 4px  
4px 4px #00DC51; box-shadow:4px 4px 4px  
4px #00DC51 }
```

Background

The CSS property to change the background color of an element to Hex 00DC51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DC51 }
```

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

```
.background{ background-color:#00DC51 }
```

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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