

Converting Colors

Hex(03DB66)

Have a look what the booklet for
Hex(03DB66) contains.

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Color

Hex(03DB66)

Conversions

Conversions Part 1

Format	Color
Hex	03DB66
RGB	3, 219, 102
RGB Percent	1%, 86%, 40%
CMY	0.9882, 0.1412, 0.6000
CMYK	0.99, 0.00, 0.53, 0.14
HSL	148°, 97%, 44%
HSV	148°, 99%, 86%
XYZ	27.7673, 51.6417, 21.0747
YIQ	141.0780, -91.1790, -82.1790

Conversions

Conversions Part 2

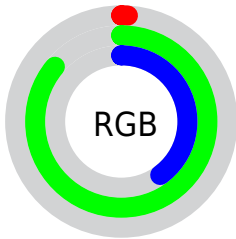
Format	Color
RYB	3, 151, 219
Decimal	252774
CIELab	77.07, -69.38, 44.77
CIELCh	77, 82.569, 147.167
Yxy	51.6417, 0.2763, 0.5139
Android (android.graphics.Color)	4278442854 (0xFF03DB66)
YUV	141.0780, -19.2655, -121.0944
Hunter-Lab	71.8622, -56.7869, 32.9158

Details

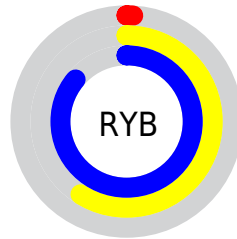
The Hex color **03DB66** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DB0378**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6BFF9B**, and **00A232** is the 20% darker color. If you saturate the color by 10%, you get **00DB64**, and if you desaturate by 10%, it is **19DB72**.

Distribution



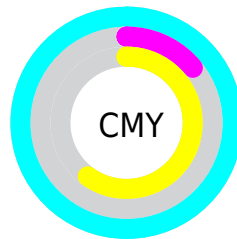
- Red (1%)
- Green (86%)
- Blue (40%)



- Red (1%)
- Yellow (59%)
- Blue (86%)



- Cyan (99%)
- Magenta (0%)
- Yellow (53%)
- Black (14%)



- Cyan (99%)
- Magenta (14%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03DB66 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 03DB66 by changing the saturation by 10% instead.

 03DB66

 03DB66

FFFFFF

 00BE4C

 6BFF9B

 00A232

 8CFFB7

 008717

 ACFFD3

 006C00

 CBFFF0

 005200

 EAFFFF

 003A00

 002000

 000000

 03DB66

 03DB66

■ 00DB64

■ 19DB72

■ 2FDB7E

■ 45DB8A

■ 5BDB95

■ 70DBA1

■ 86DBAD

■ 9CDDB9

■ B2DBC5

■ C8DBD1

Harmonies

Analogous

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



9FCE19



03DB66



00E1B4

Triad

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



03DB66



00CAFF



FF797D

Complementary

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



03DB66



DB0378

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.



FF70C9



03DB66



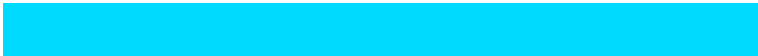
ADADFF

Square

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



03DB66



00DAFF



FF89FF



FF9939

Rectangle

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



03DB66



00E2E9



FF89FF



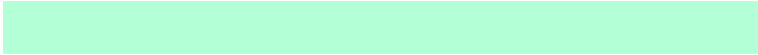
FF7296

Sweetspot

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



03DB66



B3FFD6



7ADB03



528067



000000



808080

Same Dimension

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



03DB66



00FF75



03DBD0



636E68



00AD4F



002E15

Inverse Universe

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



DB0378



FF008A



DB030E



6E6369



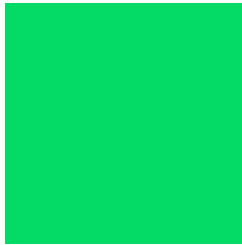
AD005E



2E0019

Previews

White Background



This preview shows how the Hex color 03DB66 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 03DB66 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 03DB66 Background



This preview shows how black text looks on a background with the Hex color 03DB66.

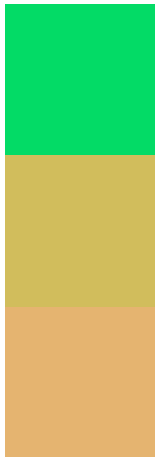


This preview shows how white text looks on a background with the Hex color 03DB66.

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](#).

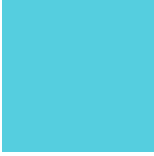
Dichromacy



Original Color
03DB66

Protanopia
D1BD5C

Deuteranopia
E5B470



Tritanopia
55CEDF

Trichromacy



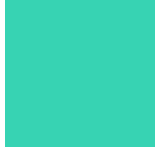
Original Color
03DB66



Protanomaly
86C860



Deuteranomaly
93C26C



Tritanomaly
37D3B3

Monochromacy



Original Color
03DB66



Achromatopsia
8D8D8D



Achromatomaly
5BA97F

CSS Examples

Text

The CSS property to change the color of the text to Hex 03DB66 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 #03DB66 looks like.

```
.text, #text, p{  
    color:#03DB66  
}
```

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 #03DB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03DB66
}
```

Border

The CSS property to change the border of an element to Hex 03DB66 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
#03DB66 }
```

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

```
.border{ border-color:#03DB66 }
```

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

Here you see how a box with a 4 pixel #03DB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03DB66; -webkit-box-shadow:4px 4px  
4px 4px #03DB66; box-shadow:4px 4px 4px  
4px #03DB66 }
```

Background

The CSS property to change the background color of an element to Hex 03DB66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03DB66 }
```

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

```
.background{ background-color:#03DB66 }
```

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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