

Converting Colors

Hex(00DE63)

Have a look what the booklet for
Hex(00DE63) contains.

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Color

Hex(00DE63)

Conversions

Conversions Part 1

Format	Color
Hex	00DE63
RGB	0, 222, 99
RGB Percent	0%, 87%, 39%
CMY	1.0000, 0.1294, 0.6118
CMYK	1.00, 0.00, 0.55, 0.13
HSL	147°, 100%, 44%
HSV	147°, 100%, 87%
XYZ	28.3734, 53.1434, 20.5667
YIQ	141.6000, -92.8290, -85.3170

Conversions

Conversions Part 2

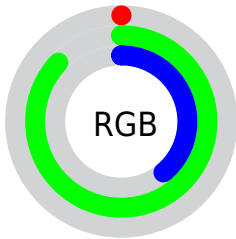
Format	Color
RYB	0, 154, 222
Decimal	56931
CIELab	77.96, -70.83, 47.25
CIELCh	78, 85.144, 146.296
Yxy	53.1434, 0.2779, 0.5206
Android (android.graphics.Color)	4278247011 (0xFF00DE63)
YUV	141.6000, -21.0018, -124.1832
Hunter-Lab	72.8995, -58.0997, 34.3026

Details

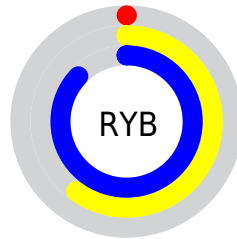
The Hex color **00DE63** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DE007B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6BFF98**, and **00A52F** is the 20% darker color. If you saturate the color by 10%, you get **00DE63**, and if you desaturate by 10%, it is **16DE6F**.

Distribution



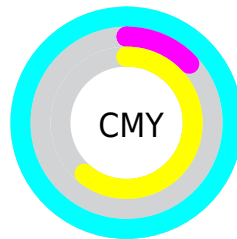
- Red (0%)
- Green (87%)
- Blue (39%)



- Red (0%)
- Yellow (60%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DE63 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 00DE63 by changing the saturation by 10% instead.

 00DE63

 00DE63

FFFFFF

 00C149


 6BFF98

 00A52F

 8CFFB4

 008A11

 ACFFD0

 006F00

 CCFFED

 005500

 EBFFFF

 003C00

 002300

 000000

 00DE63

 16DE6F

 2CDE7C

 43DE88

 59DE94

 6FDEA1

 85DEAD

 9BDEB9

 B2DEC5

 C8DED2

Harmonies

Analogous

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



A2D10A



00DE63



00E4B4

Triad

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



00DE63



00CDFE



FF7880

Complementary

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



00DE63



DE007B

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.



FF6ECE



00DE63



AAB0FF

Square

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



00DE63



00DEFF



FF8AFF



FF9938

Rectangle

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



00DE63



00E5EB



FF8AFF



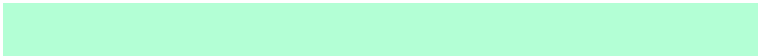
FF7099

Sweetspot

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



00DE63



B3FFD5



7EDE00



528066



000000



808080

Same Dimension

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



00DE63



00FF72



00DECF



65706A



00B04E



003016

Inverse Universe

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



DE007B



FF008D



DE000F



70656B



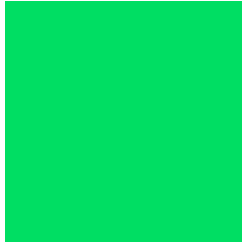
B00061



30001B

Previews

White Background



This preview shows how the Hex color 00DE63 looks on a white background.

Color Contrast Check

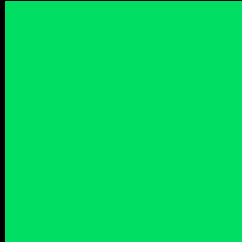
Large Text (above 18pt) WCAG AA × Fail

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 00DE63 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 00DE63 Background



This preview shows how black text looks on a background with the Hex color 00DE63.

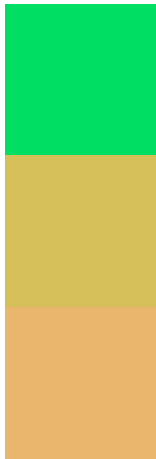


This preview shows how white text looks on a background with the Hex color 00DE63.

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](#).

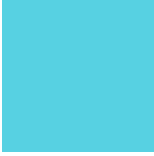
Dichromacy



Original Color
00DE63

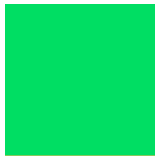
Protanopia
D4BF59

Deuteranopia
E9B66E



Tritanopia
57D1E2

Trichromacy



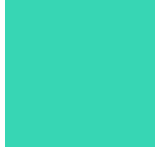
Original Color
00DE63



Protanomaly
87CA5D



Deuteranomaly
94C56A



Tritanomaly
37D6B4

Monochromacy



Original Color
00DE63



Achromatopsia
8E8E8E



Achromatomaly
5AAB7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DE63 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 #00DE63 looks like.

```
.text, #text, p{  
    color:#00DE63  
}
```

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 #00DE63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DE63
}
```

Border

The CSS property to change the border of an element to Hex 00DE63 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
#00DE63 }
```

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

```
.border{ border-color:#00DE63 }
```

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

Here you see how a box with a 4 pixel #00DE63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DE63; -webkit-box-shadow:4px 4px  
4px 4px #00DE63; box-shadow:4px 4px 4px  
4px #00DE63 }
```

Background

The CSS property to change the background color of an element to Hex 00DE63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DE63 }
```

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

```
.background{ background-color:#00DE63 }
```

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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