

Converting Colors

Hex(00DD6E)

Have a look what the booklet for
Hex(00DD6E) contains.

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Color

Hex(00DD6E)

Conversions

Conversions Part 1

Format	Color
Hex	00DD6E
RGB	0, 221, 110
RGB Percent	0%, 87%, 43%
CMY	1.0000, 0.1333, 0.5686
CMYK	1.00, 0.00, 0.50, 0.13
HSL	150°, 100%, 43%
HSV	150°, 100%, 87%
XYZ	28.6709, 52.8387, 23.4396
YIQ	142.2670, -96.0850, -81.3730

Conversions

Conversions Part 2

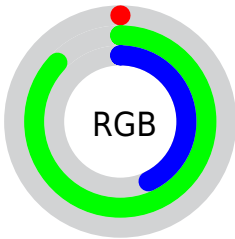
Format	Color
RYB	0, 148, 221
Decimal	56686
CIELab	77.78, -68.89, 41.82
CIELCh	78, 80.595, 148.739
Yxy	52.8387, 0.2732, 0.5035
Android (android.graphics.Color)	4278246766 (0xFF00DD6E)
YUV	142.2670, -15.9076, -124.7682
Hunter-Lab	72.6902, -56.8028, 31.7646

Details

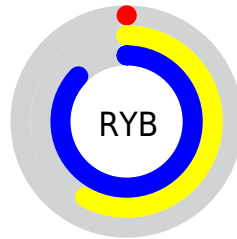
The Hex color **00DD6E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DD006F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6AFFA3**, and **00A43B** is the 20% darker color. If you saturate the color by 10%, you get **00DD6E**, and if you desaturate by 10%, it is **16DD79**.

Distribution



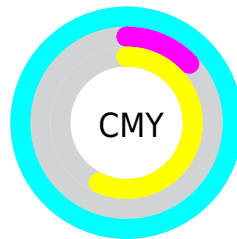
- Red (0%)
- Green (87%)
- Blue (43%)



- Red (0%)
- Yellow (58%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DD6E 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 00DD6E by changing the saturation by 10% instead.

 00DD6E

 00DD6E

FFFFFF

 00C054

 6AFFA3

 00A43B

 8CFFBF

 008921

 ACFFDB

 006E02

 CBFFF8

 005400

 EAFFFF

 003C00

 002200

 000000

 00DD6E

 16DD79

 2CDD84

 42DD8F

 58DD9A

 6FDDA6

 85DDB1

 9BDDBC

 B1DDC7

 C7DDD2

Harmonies

Analogous

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



9DD128



00DD6E



00E3BB

Triad

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



00DD6E



00CAFF



FF7F7D

Complementary

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



00DD6E



DD006F

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.



FF75C7



00DD6E



B8AEFF

Square

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



00DD6E



00DBFF



FF8BFF



FF9E3C

Rectangle

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



00DD6E



00E3EE



FF8BFF



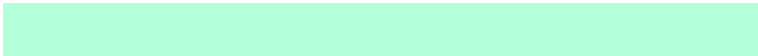
FF7895

Sweetspot

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



00DD6E



B3FFD9



72DD00



528068



000000



808080

Same Dimension

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



00DD6E



00FF7F



00DDD9



636E68



00AD56



002E17

Inverse Universe

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



DD006F



FF0080



DD0004



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 00DD6E looks on a white background.

Color Contrast Check

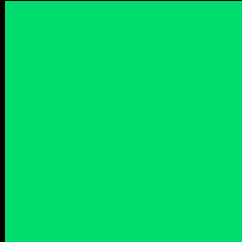
Large Text (above 18pt) WCAG AA × Fail

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 00DD6E 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 00DD6E Background



This preview shows how black text looks on a background with the Hex color 00DD6E.

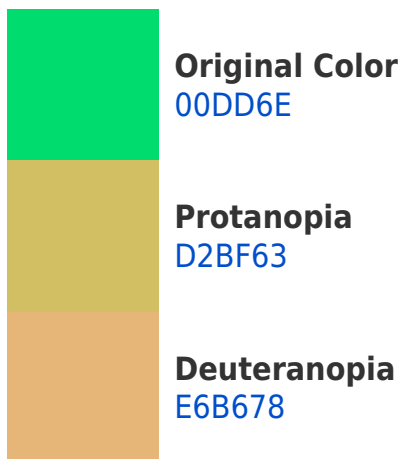


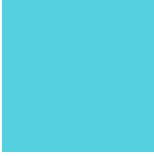
This preview shows how white text looks on a background with the Hex color 00DD6E.

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
55D0E1

Trichromacy



Original Color

00DD6E



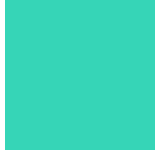
Protanomaly

86CA67



Deuteranomaly

92C474



Tritanomaly

36D5B7

Monochromacy



Original Color

00DD6E



Achromatopsia

8E8E8E



Achromatomaly

5AAB82

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DD6E 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 #00DD6E looks like.

```
.text, #text, p{  
    color:#00DD6E  
}
```

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 #00DD6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DD6E
}
```

Border

The CSS property to change the border of an element to Hex 00DD6E 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
#00DD6E }
```

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

```
.border{ border-color:#00DD6E }
```

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

Here you see how a box with a 4 pixel #00DD6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DD6E; -webkit-box-shadow:4px 4px  
4px 4px #00DD6E; box-shadow:4px 4px 4px  
4px #00DD6E }
```

Background

The CSS property to change the background color of an element to Hex 00DD6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DD6E }
```

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

```
.background{ background-color:#00DD6E }
```

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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