

Converting Colors

Hex(00DB86)

Have a look what the booklet for
Hex(00DB86) contains.

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Color

Hex(00DB86)

Conversions

Conversions Part 1

Format	Color
Hex	00DB86
RGB	0, 219, 134
RGB Percent	0%, 86%, 53%
CMY	1.0000, 0.1412, 0.4745
CMYK	1.00, 0.00, 0.39, 0.14
HSL	157°, 100%, 43%
HSV	157°, 100%, 86%
XYZ	29.6346, 52.3843, 31.1035
YIQ	143.8290, -103.2390, -72.8630

Conversions

Conversions Part 2

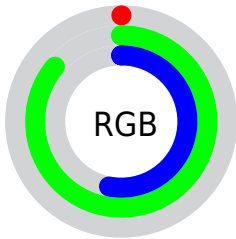
Format	Color
RYB	0, 136, 219
Decimal	56198
CIELab	77.51, -64.02, 29.51
CIELCh	78, 70.489, 155.254
Yxy	52.3843, 0.2620, 0.4631
Android (android.graphics.Color)	4278246278 (0xFF00DB86)
YUV	143.8290, -4.8457, -126.1380
Hunter-Lab	72.3770, -53.5733, 25.1844

Details

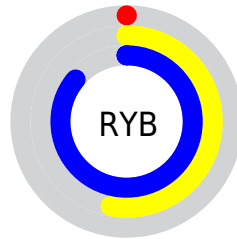
The Hex color **00DB86** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DB0055**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFBC**, and **00A253** is the 20% darker color. If you saturate the color by 10%, you get **00DB86**, and if you desaturate by 10%, it is **16DB8F**.

Distribution



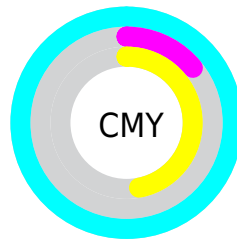
- Red (0%)
- Green (86%)
- Blue (53%)



- Red (0%)
- Yellow (53%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DB86 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 00DB86 by changing the saturation by 10% instead.

 00DB86

 00DB86

FFFFFF

 00BE6C

 6AFFBC

 00A253

 8BFFD8

 00873B

 AAFFF4

 006C24

 CAFFFF

 00530C

 E9FFFF

 003A00

 002100

 000000

 00DB86

 16DB8F

 2CDB97

 42DBA0

 58DBA8

 6EDBB1

 83DBB9

 99DBC2

 AFD BCA

 C5DBD3

Harmonies

Analogous

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



93D14D



00DB86



00DFC9

Triad

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



00DB86



3DC3FF



FF8E78

Complementary

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



00DB86



DB0055

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.



FF82B7



00DB86



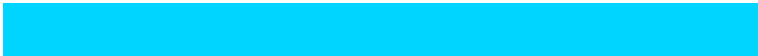
D1A9FF

Square

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



00DB86



00D5FF



FF8EF8



FFA845

Rectangle

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



00DB86



00DFF5



FF8EF8



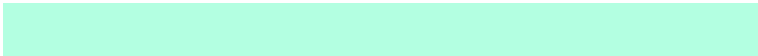
FF888C

Sweetspot

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



00DB86



B3FFE1



58DB00



52806E



000000



808080

Same Dimension

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



00DB86



00FF9C



00C5DB



636E69



00AD6A



002E1C

Inverse Universe

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



DB0055



FF0063



DB1600



6E6367



AD0043



2E0012

Previews

White Background



This preview shows how the Hex color 00DB86 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 00DB86 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 00DB86 Background



This preview shows how black text looks on a background with the Hex color 00DB86.

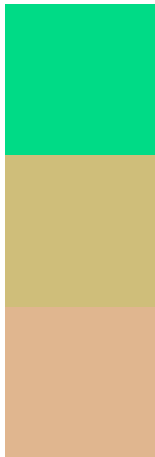


This preview shows how white text looks on a background with the Hex color 00DB86.

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](#).

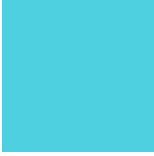
Dichromacy



Original Color
00DB86

Protanopia
CFBE7A

Deuteranopia
E0B68F



Tritanopia
4FDOE1

Trichromacy



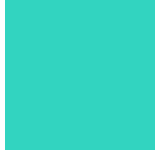
Original Color
00DB86



Protanomaly
84C97E



Deuteranomaly
8FC38C



Tritanomaly
32D4C0

Monochromacy



Original Color
00DB86



Achromatopsia
909090



Achromatomaly
5CAB8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DB86 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 #00DB86 looks like.

```
.text, #text, p{  
    color:#00DB86  
}
```

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 #00DB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DB86
}
```

Border

The CSS property to change the border of an element to Hex 00DB86 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
#00DB86 }
```

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

```
.border{ border-color:#00DB86 }
```

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

Here you see how a box with a 4 pixel #00DB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DB86; -webkit-box-shadow:4px 4px  
4px 4px #00DB86; box-shadow:4px 4px 4px  
4px #00DB86 }
```

Background

The CSS property to change the background color of an element to Hex 00DB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DB86 }
```

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

```
.background{ background-color:#00DB86 }
```

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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