

Converting Colors

Hex(00DF93)

Have a look what the booklet for
Hex(00DF93) contains.

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Color

Hex(00DF93)

Conversions

Conversions Part 1

Format	Color
Hex	00DF93
RGB	0, 223, 147
RGB Percent	0%, 87%, 58%
CMY	1.0000, 0.1255, 0.4235
CMYK	1.00, 0.00, 0.34, 0.13
HSL	160°, 100%, 44%
HSV	160°, 100%, 87%
XYZ	31.6541, 54.8819, 36.5287
YIQ	147.6590, -108.5120, -70.9120

Conversions

Conversions Part 2

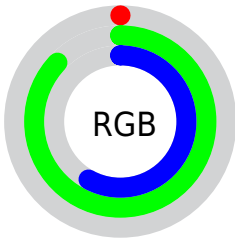
Format	Color
RYB	0, 134, 223
Decimal	57235
CIELab	78.97, -62.79, 24.78
CIELCh	79, 67.501, 158.466
Yxy	54.8819, 0.2572, 0.4460
Android (android.graphics.Color)	4278247315 (0xFF00DF93)
YUV	147.6590, -0.3249, -129.4969
Hunter-Lab	74.0823, -53.3741, 22.6228

Details

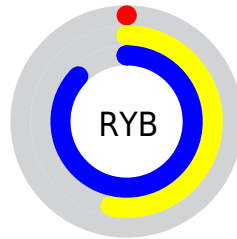
The Hex color **00DF93** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DF004C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFC9**, and **00A660** is the 20% darker color. If you saturate the color by 10%, you get **00DF93**, and if you desaturate by 10%, it is **16DF9B**.

Distribution



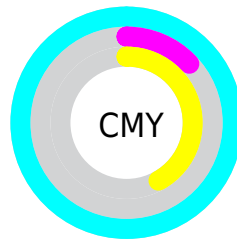
- Red (0%)
- Green (87%)
- Blue (58%)



- Red (0%)
- Yellow (53%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DF93 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 00DF93 by changing the saturation by 10% instead.

 00DF93

 00DF93

FFFFFF

 00C279

 6BFFC9

 00A660

 8CFFE6

 008B48

 ACFFFF

 007030

 CCFFFF

 00561A

 EBFFFF

 003D02

 002500

 000000

 00DF93

 16DF9B

 2DDFA2

 43DFAA

 59DFB1

 70DFB9

 86DFC1

 9CDFC8

 B2DFD0

 C9DFD7

Harmonies

Analogous

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



92D65B



00DF93



00E2D4

Triad

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



00DF93



69C5FF



FF9879

Complementary

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



00DF93



DF004C

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.



FF8AB4



00DF93



DEABFF

Square

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



00DF93



00D7FF



FF93F3



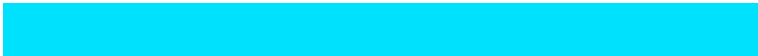
FFB04B

Rectangle

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



00DF93



00E1FE



FF93F3



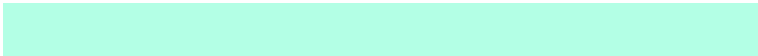
FF918B

Sweetspot

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



00DF93



B3FFE5



4EDF00



528070



000000



808080

Same Dimension

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



00DF93



00FFA8



00BEDF



65706C



00B074



003020

Inverse Universe

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



DF004C



FF0057



DF2100



706569



B0003C



300011

Previews

White Background



This preview shows how the Hex color 00DF93 looks on a white background.

Color Contrast Check

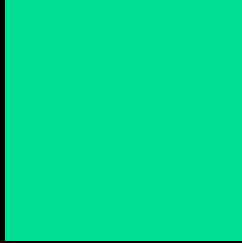
Large Text (above 18pt) WCAG AA × Fail

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 00DF93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

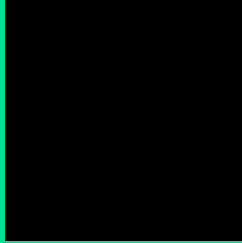
Any Text WCAG AA ✓ Pass

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 00DF93 Background



This preview shows how black text looks on a background with the Hex color 00DF93.

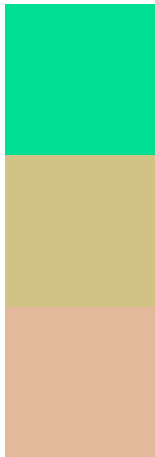


This preview shows how white text looks on a background with the Hex color 00DF93.

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](#).

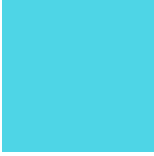
Dichromacy



Original Color
00DF93

Protanopia
D1C286

Deuteranopia
E2BA9B



Tritanopia
4ED5E6

Trichromacy



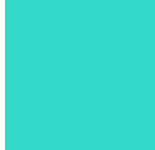
Original Color
00DF93



Protanomaly
85CD8B



Deuteranomaly
90C798



Tritanomaly
32D9C8

Monochromacy



Original Color
00DF93



Achromatopsia
949494



Achromatomaly
5EAF94

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DF93 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 #00DF93 looks like.

```
.text, #text, p{  
    color:#00DF93  
}
```

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 #00DF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DF93
}
```

Border

The CSS property to change the border of an element to Hex 00DF93 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
#00DF93 }
```

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

```
.border{ border-color:#00DF93 }
```

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

Here you see how a box with a 4 pixel #00DF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DF93; -webkit-box-shadow:4px 4px  
4px 4px #00DF93; box-shadow:4px 4px 4px  
4px #00DF93 }
```

Background

The CSS property to change the background color of an element to Hex 00DF93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DF93 }
```

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

```
.background{ background-color:#00DF93 }
```

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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