

Converting Colors

Hex(00DF8E)

Have a look what the booklet for
Hex(00DF8E) contains.

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Color

Hex(00DF8E)

Conversions

Conversions Part 1

Format	Color
Hex	00DF8E
RGB	0, 223, 142
RGB Percent	0%, 87%, 56%
CMY	1.0000, 0.1255, 0.4431
CMYK	1.00, 0.00, 0.36, 0.13
HSL	158°, 100%, 44%
HSV	158°, 100%, 87%
XYZ	31.2702, 54.7283, 34.5067
YIQ	147.0890, -106.9070, -72.4670

Conversions

Conversions Part 2

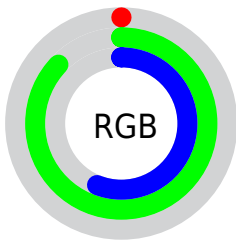
Format	Color
RYB	0, 136, 223
Decimal	57230
CIELab	78.88, -63.81, 27.24
CIELCh	79, 69.384, 156.887
Yxy	54.7283, 0.2595, 0.4542
Android (android.graphics.Color)	4278247310 (0xFF00DF8E)
YUV	147.0890, -2.5089, -128.9971
Hunter-Lab	73.9786, -54.0121, 24.1297

Details

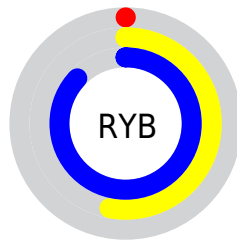
The Hex color **00DF8E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DF0051**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6BFFC4**, and **00A65B** is the 20% darker color. If you saturate the color by 10%, you get **00DF8E**, and if you desaturate by 10%, it is **16DF96**.

Distribution



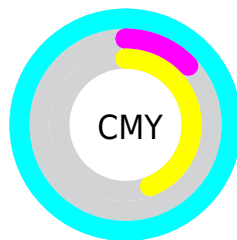
- Red (0%)
- Green (87%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DF8E 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 00DF8E by changing the saturation by 10% instead.

 00DF8E

 00DF8E

FFFFFF

 00C274

 6BFFC4

 00A65B

 8CFFE0

 008B43

 ACFFFD

 00702B

 CBFFFF

 005615

 EBFFFF

 003D00

 002500

 000000

 00DF8E

 16DF96

 2DDF9E

 43DFA6

 59DFAE

 70DFB7

 86DFBF

 9CDFC7

 B2DFCF

 C9DFD7

Harmonies

Analogous

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



94D555



00DF8E



00E3D1

Triad

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



00DF8E



58C6FF



FF9579

Complementary

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



00DF8E



DF0051

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.



FF87B7



00DF8E



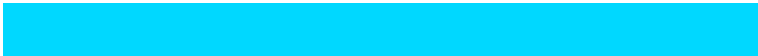
DAACFF

Square

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



00DF8E



00D8FF



FF92F7



FFAE49

Rectangle

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



00DF8E



00E2FC



FF92F7



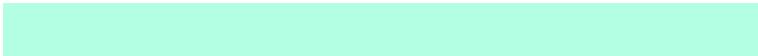
FF8E8D

Sweetspot

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



00DF8E



B3FFE3



52DF00



52806F



000000



808080

Same Dimension

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



00DF8E



00FFA2



00C1DF



65706C



00B070



00301F

Inverse Universe

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



DF0051



FF005D



DF1E00



706569



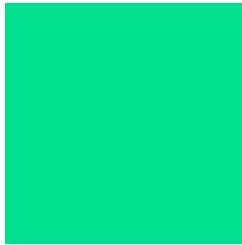
B00040



300012

Previews

White Background



This preview shows how the Hex color 00DF8E looks on a white background.

Color Contrast Check

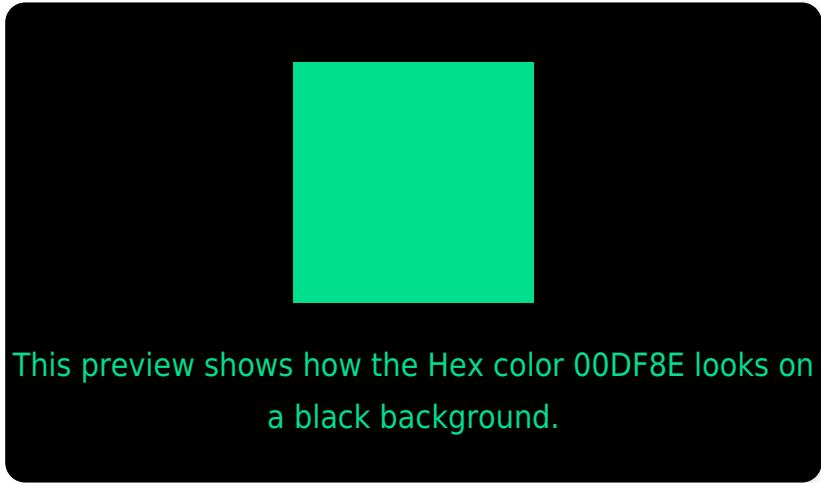
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

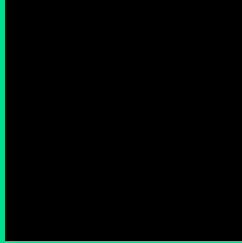
Any Text WCAG AA ✓ Pass

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 00DF8E Background



This preview shows how black text looks on a background with the Hex color 00DF8E.

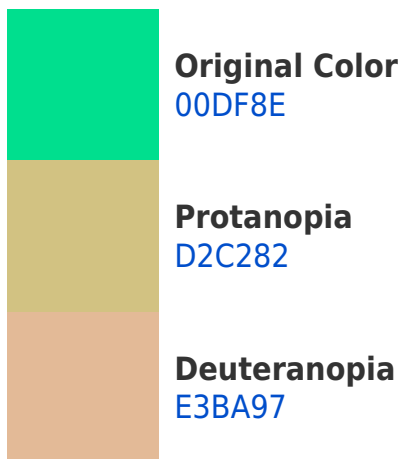


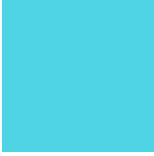
This preview shows how white text looks on a background with the Hex color 00DF8E.

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
4FD4E6

Trichromacy



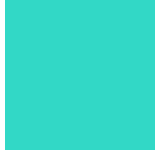
Original Color
00DF8E



Protanomaly
86CD86



Deuteranomaly
90C794



Tritanomaly
32D8C6

Monochromacy



Original Color
00DF8E



Achromatopsia
939393



Achromatomaly
5EAF91

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DF8E 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 #00DF8E looks like.

```
.text, #text, p{  
    color:#00DF8E  
}
```

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 #00DF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DF8E
}
```

Border

The CSS property to change the border of an element to Hex 00DF8E 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
#00DF8E }
```

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

```
.border{ border-color:#00DF8E }
```

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

Here you see how a box with a 4 pixel #00DF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DF8E; -webkit-box-shadow:4px 4px  
4px 4px #00DF8E; box-shadow:4px 4px 4px  
4px #00DF8E }
```

Background

The CSS property to change the background color of an element to Hex 00DF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DF8E }
```

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

```
.background{ background-color:#00DF8E }
```

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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