

Converting Colors

Hex(00F997)

Have a look what the booklet for
Hex(00F997) contains.

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Color

Hex(00F997)

Conversions

Conversions Part 1

Format	Color
Hex	00F997
RGB	0, 249, 151
RGB Percent	0%, 98%, 59%
CMY	1.0000, 0.0235, 0.4078
CMYK	1.00, 0.00, 0.39, 0.02
HSL	156°, 100%, 49%
HSV	156°, 100%, 98%
XYZ	39.4616, 69.9857, 40.7069
YIQ	163.3770, -116.9460, -83.2660

Conversions

Conversions Part 2

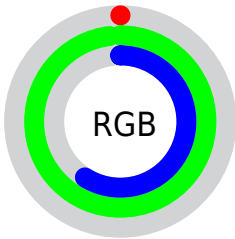
Format	Color
RYB	0, 155, 249
Decimal	63895
CIELab	86.99, -70.92, 33.49
CIELCh	87, 78.426, 154.721
Yxy	69.9857, 0.2628, 0.4661
Android (android.graphics.Color)	4278253975 (0xFF00F997)
YUV	163.3770, -6.1019, -143.2816
Hunter-Lab	83.6575, -62.2013, 29.7103

Details

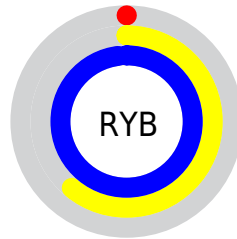
The Hex color **00F997** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F90062**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **72FFCE**, and **00BF63** is the 20% darker color. If you saturate the color by 10%, you get **00F997**, and if you desaturate by 10%, it is **19F9A1**.

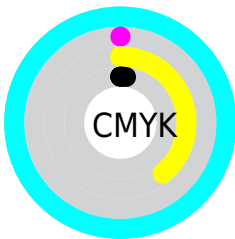
Distribution



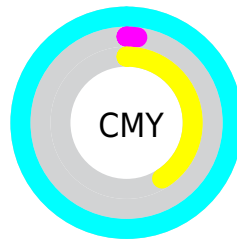
- Red (0%)
- Green (98%)
- Blue (59%)



- Red (0%)
- Yellow (61%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F997 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 00F997 by changing the saturation by 10% instead.

 00F997

FFFFFF


 72FFCE

 94FFEA

 B5FFFF

 D5FFFF

 F5FFFF

 00F997

 00DC7D

 00BF63

 00A34A

 008732

 006C1A

 005200

 003A00

 002000

 000000

 00F997

 19F9A1

 32F9AB

 4BF9B4

 64F9BE

 7DF9C8

 95F9D2

 AEF9DC

 C7F9E5

 E0F9EF

Harmonies

Analogous

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



A8EE56



00F997



00FEE4

Triad

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



00F997



39DFFF



FFA189

Complementary

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



00F997



F90062

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.



FF93D1



00F997



ECC1FF

Square

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



00F997



00F2FF



FFA2FF



FFBF4F

Rectangle

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



00F997



00FDFF



FFA2FF



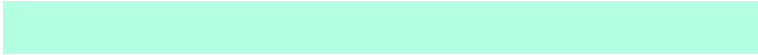
FF9AA0

Sweetspot

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



00F997



B3FFE1



64F900



52806D



000000



808080

Same Dimension

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



00F997



00FF9B



00E0F9



707D78



00BD72



003D25

Inverse Universe

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



F90062



FF0064



F91900



7D7075



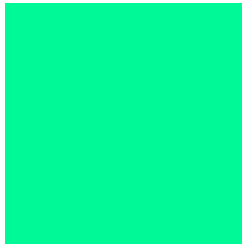
BD004A



3D0018

Previews

White Background



This preview shows how the Hex color 00F997 looks on a white background.

Color Contrast Check

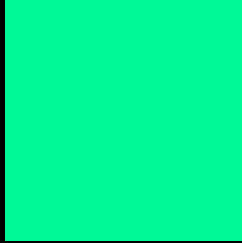
Large Text (above 18pt) WCAG AA × Fail

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 00F997 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 00F997 Background



This preview shows how black text looks on a background with the Hex color 00F997.

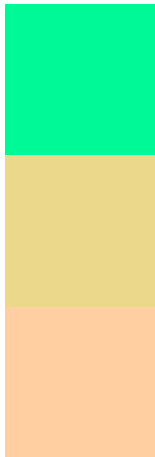


This preview shows how white text looks on a background with the Hex color 00F997.

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](#).

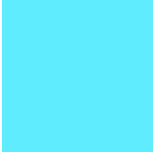
Dichromacy



Original Color
00F997

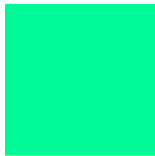
Protanopia
EBD88A

Deuteranopia
FFCFA1



Tritanopia
5FECFF

Trichromacy



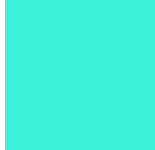
Original Color
00F997



Protanomaly
96E48F



Deuteranomaly
A2DE9D



Tritanomaly
3CF1D9

Monochromacy



Original Color
00F997



Achromatopsia
A3A3A3



Achromatomaly
68C29F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F997 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 #00F997 looks like.

```
.text, #text, p{  
    color:#00F997  
}
```

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 #00F997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F997
}
```

Border

The CSS property to change the border of an element to Hex 00F997 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
#00F997 }
```

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

```
.border{ border-color:#00F997 }
```

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

Here you see how a box with a 4 pixel #00F997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F997; -webkit-box-shadow:4px 4px  
4px 4px #00F997; box-shadow:4px 4px 4px  
4px #00F997 }
```

Background

The CSS property to change the background color of an element to Hex 00F997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F997 }
```

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

```
.background{ background-color:#00F997 }
```

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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