

Converting Colors

Hex(00F798)

Have a look what the booklet for
Hex(00F798) contains.

Hex(00F798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00F798)

Conversions

Conversions Part 1

Format	Color
Hex	00F798
RGB	0, 247, 152
RGB Percent	0%, 97%, 60%
CMY	1.0000, 0.0314, 0.4039
CMYK	1.00, 0.00, 0.38, 0.03
HSL	157°, 100%, 48%
HSV	157°, 100%, 97%
XYZ	38.9283, 68.7885, 40.9315
YIQ	162.3170, -116.7170, -81.9090

Conversions

Conversions Part 2

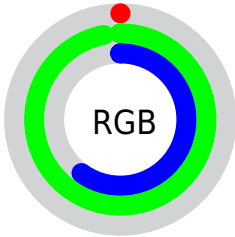
Format	Color
RYB	0, 153, 247
Decimal	63384
CIELab	86.40, -70.06, 32.21
CIELCh	86, 77.107, 155.311
Yxy	68.7885, 0.2619, 0.4628
Android (android.graphics.Color)	4278253464 (0xFF00F798)
YUV	162.3170, -5.0863, -142.3520
Hunter-Lab	82.9388, -61.3620, 28.7967

Details

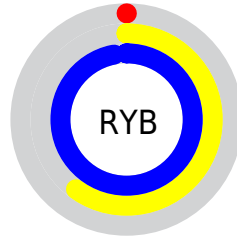
The Hex color **00F798** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F7005F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **71FFCF**, and **00BD64** is the 20% darker color. If you saturate the color by 10%, you get **00F798**, and if you desaturate by 10%, it is **19F7A2**.

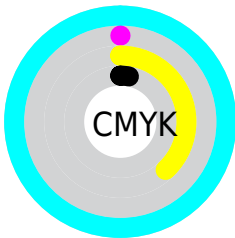
Distribution



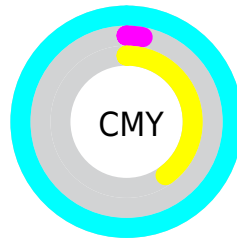
- Red (0%)
- Green (97%)
- Blue (60%)



- Red (0%)
- Yellow (60%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F798 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 00F798 by changing the saturation by 10% instead.

 00F798

FFFFFF

 71FFCF

 94FFEB

 B4FFFF

 D5FFFF

 F5FFFF

 00F798

 00DA7E

 00BD64

 00A14B

 008533

 006B1B

 005102

 003900

 001E00

 000000

 00F798

 19F7A2

 31F7AB

 4AF7B5

 63F7BE

 7CF7C8

 94F7D1

 ADF7DB

 C6F7E4

 DEF7EE

Harmonies

Analogous

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



A6EC58



00F798



00FBE3

Triad

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



00F798



47DCFF



FFA188

Complementary

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



00F798



F7005F

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.



FF93CE



00F798



ECBFFF

Square

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



00F798



00FOFF



FFA1FF



FFBE4F

Rectangle

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



00F798



00FBFF



FFA1FF



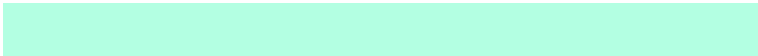
FF9A9E

Sweetspot

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



00F798



B3FFE2



63F700



52806E



000000



808080

Same Dimension

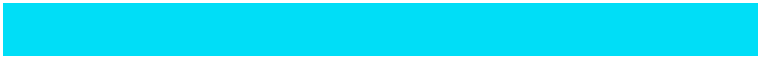
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00F798



00FF9D



00DEF7



6E7A76



00BA73



003B24

Inverse Universe

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



F7005F



FF0062



F71900



7A6E73



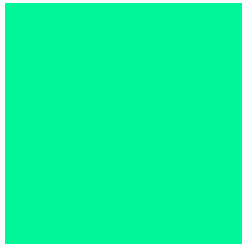
BA0048



3B0017

Previews

White Background



This preview shows how the Hex color 00F798 looks on a white background.

Color Contrast Check

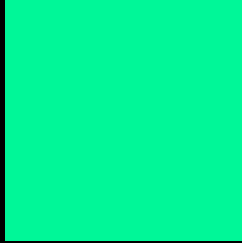
Large Text (above 18pt) WCAG AA × Fail

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 00F798 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

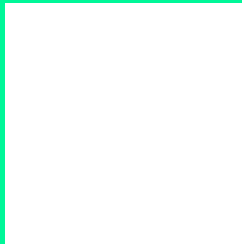
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00F798 Background



This preview shows how black text looks on a background with the Hex color 00F798.

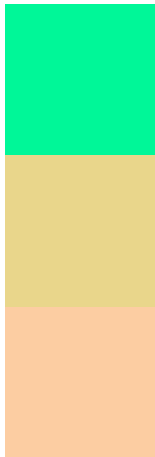


This preview shows how white text looks on a background with the Hex color 00F798.

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](#).

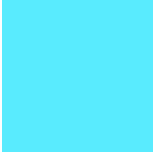
Dichromacy



Original Color
00F798

Protanopia
E9D68B

Deuteranopia
FCCDA2



Tritanopia
59EBFE

Trichromacy



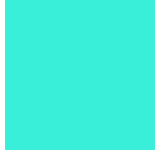
Original Color
00F798



Protanomaly
94E290



Deuteranomaly
A0DC9E



Tritanomaly
39EFD9

Monochromacy



Original Color
00F798



Achromatopsia
A2A2A2



Achromatomaly
67C19E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F798 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 #00F798 looks like.

```
.text, #text, p{  
    color:#00F798  
}
```

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 #00F798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F798
}
```

Border

The CSS property to change the border of an element to Hex 00F798 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
#00F798 }
```

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

```
.border{ border-color:#00F798 }
```

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

Here you see how a box with a 4 pixel #00F798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F798; -webkit-box-shadow:4px 4px  
4px 4px #00F798; box-shadow:4px 4px 4px  
4px #00F798 }
```

Background

The CSS property to change the background color of an element to Hex 00F798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F798 }
```

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

```
.background{ background-color:#00F798 }
```

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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