

Converting Colors

Hex(00EF9C)

Have a look what the booklet for
Hex(00EF9C) contains.

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Color

Hex(00EF9C)

Conversions

Conversions Part 1

Format	Color
Hex	00EF9C
RGB	0, 239, 156
RGB Percent	0%, 94%, 61%
CMY	1.0000, 0.0627, 0.3882
CMYK	1.00, 0.00, 0.35, 0.06
HSL	159°, 100%, 47%
HSV	159°, 100%, 94%
XYZ	36.8673, 64.1333, 41.8884
YIQ	158.0770, -115.8010, -76.4810

Conversions

Conversions Part 2

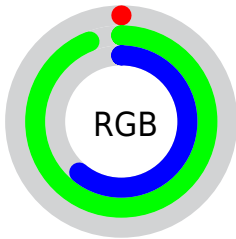
Format	Color
RYB	0, 145, 239
Decimal	61340
CIELab	84.04, -66.54, 27.02
CIELCh	84, 71.815, 157.903
Yxy	64.1333, 0.2580, 0.4488
Android (android.graphics.Color)	4278251420 (0xFF00EF9C)
YUV	158.0770, -1.0240, -138.6335
Hunter-Lab	80.0833, -57.9712, 25.0461

Details

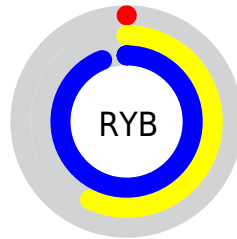
The Hex color **00EF9C** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EF0053**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **6FFFD3**, and **00B568** is the 20% darker color. If you saturate the color by 10%, you get **00EF9C**, and if you desaturate by 10%, it is **18EFA4**.

Distribution



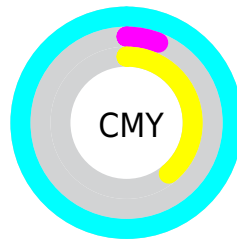
- Red (0%)
- Green (94%)
- Blue (61%)



- Red (0%)
- Yellow (57%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EF9C 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 00EF9C by changing the saturation by 10% instead.

 00EF9C

FFFFFF

 6FFFD3

 91FFE7

 B2FFFF


 D2FFFF

 F1FFFF

 00EF9C

 00D282

 00B568

 009A4F

 007E38

 006421

 004A09

 003300

 001700

 000000

 00EF9C

 18EFA4

 30EFAD

 48EFB5

 60EFBD

 77EFC6

 8FEFCE

 A7EFD6

 BFEFDE

 D7EFE7

Harmonies

Analogous

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



9DE560



00EF9C



00F3E2

Triad

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



00EF9C



6BD3FF



FFA282

Complementary

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



00EF9C



EF0053

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.



FF93C2



00EF9C



EDB8FF

Square

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



00EF9C



00E6FF



FF9DFF



FFBC50

Rectangle

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



00EF9C



00F2FF



FF9DFF



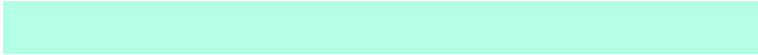
FF9B96

Sweetspot

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



00EF9C



B3FFE4



54EF00



528070



000000



808080

Same Dimension

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



00EF9C



00FFA6



00CBEF



6C7874



00B878



003825

Inverse Universe

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



EF0053



FF0059



EF2400



786C70



B80040



380013

Previews

White Background



This preview shows how the Hex color 00EF9C 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 00EF9C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

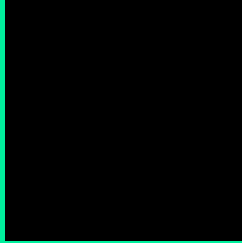
Any Text WCAG AA ✓ Pass

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 00EF9C Background



This preview shows how black text looks on a background with the Hex color 00EF9C.

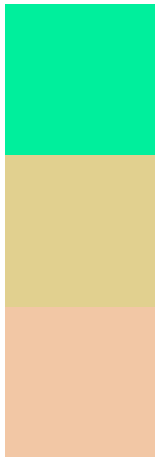


This preview shows how white text looks on a background with the Hex color 00EF9C.

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](#).

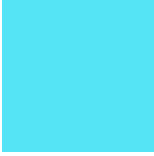
Dichromacy



Original Color
00EF9C

Protanopia
E1D08F

Deuteranopia
F2C7A5



Tritanopia
54E4F6

Trichromacy



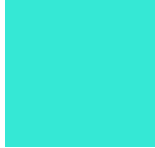
Original Color
00EF9C



Protanomaly
8FDB94



Deuteranomaly
9AD6A2



Tritanomaly
35E8D5

Monochromacy



Original Color
00EF9C



Achromatopsia
9E9E9E



Achromatomaly
65BB9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EF9C 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 #00EF9C looks like.

```
.text, #text, p{  
    color:#00EF9C  
}
```

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 #00EF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EF9C
}
```

Border

The CSS property to change the border of an element to Hex 00EF9C 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
#00EF9C }
```

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

```
.border{ border-color:#00EF9C }
```

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

Here you see how a box with a 4 pixel #00EF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EF9C; -webkit-box-shadow:4px 4px  
4px 4px #00EF9C; box-shadow:4px 4px 4px  
4px #00EF9C }
```

Background

The CSS property to change the background color of an element to Hex 00EF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EF9C }
```

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

```
.background{ background-color:#00EF9C }
```

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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