

Converting Colors

Hex(0DFF9C)

Have a look what the booklet for
Hex(0DFF9C) contains.

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Color

Hex(0DFF9C)

Conversions

Conversions Part 1

Format	Color
Hex	0DFF9C
RGB	13, 255, 156
RGB Percent	5%, 100%, 61%
CMY	0.9490, 0.0000, 0.3882
CMYK	0.95, 0.00, 0.39, 0.00
HSL	155°, 100%, 53%
HSV	155°, 95%, 100%
XYZ	41.9267, 74.0059, 43.5273
YIQ	171.3560, -112.4530, -82.0930

Conversions

Conversions Part 2

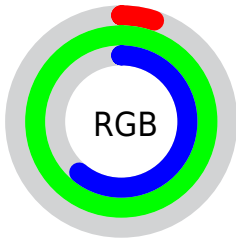
Format	Color
RYB	13, 165, 255
Decimal	917404
CIELab	88.93, -71.65, 33.57
CIELCh	89, 79.124, 154.893
Yxy	74.0059, 0.2629, 0.4641
Android (android.graphics.Color)	4279107484 (0xFF0DFF9C)
YUV	171.3560, -7.5705, -138.8782
Hunter-Lab	86.0267, -63.5513, 30.2194

Details

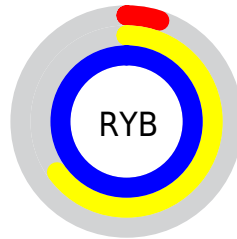
The Hex color **0DFF9C** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF0D70**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **75FFD3**, and **00C568** is the 20% darker color. If you saturate the color by 10%, you get **00FF97**, and if you desaturate by 10%, it is **27FFA6**.

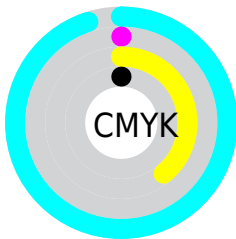
Distribution



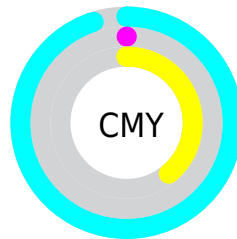
- Red (5%)
- Green (100%)
- Blue (61%)



- Red (5%)
- Yellow (65%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DFF9C 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 0DFF9C by changing the saturation by 10% instead.

 0DFF9C

 0DFF9C

FFFFFF

 00E281

 75FFD3

 00C568

 98FFF0

 00A84F

 B9FFFF

 008D36

 D9FFFF

 00721E

 F9FFFF

 005704

 003E00

 002500

 000000

0DFF9C

0DFF9C

00FF97

27FFA6

40FFB1

5AFFBB

73FFC6

8DFFD0

A6FFDB

C0FFE5

D9FFE7

F3FFFA

Harmonies

Analogous

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



ADF35A



0DFF9C



00FFEA

Triad

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



0DFF9C



43E4FF



FFA68D

Complementary

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



0DFF9C



FF0D70

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.



FF98D6



0DFF9C



F2C6FF

Square

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



0DFF9C



00F8FF



FFA7FF



FFC452

Rectangle

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



0DFF9C



00FFFF



FFA7FF



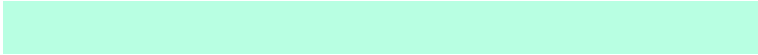
FF9FA4

Sweetspot

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



0DFF9C



B8FFE2



72FF0D



54806E



000000



808080

Same Dimension

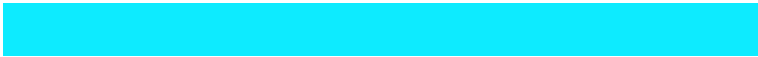
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0DFF9C



00FF97



0DEBFF



73807A



00BF71



004026

Inverse Universe

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



FF0D70



FF0068



FF210D



807378



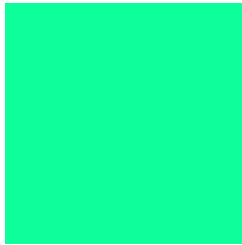
BF004E



40001A

Previews

White Background



This preview shows how the Hex color 0DFF9C 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 0DFF9C 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 0DFF9C Background



This preview shows how black text looks on a background with the Hex color 0DFF9C.

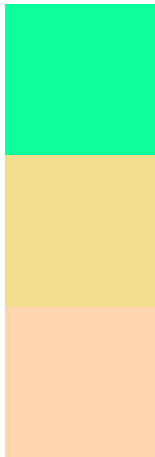


This preview shows how white text looks on a background with the Hex color 0DFF9C.

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](#).

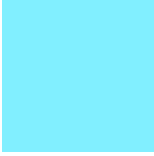
Dichromacy



Original Color
0DFF9C

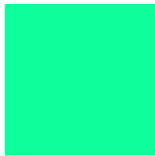
Protanopia
F1DD8E

Deuteranopia
FFD5B0



Tritanopia
81EFFF

Trichromacy



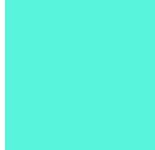
Original Color
0DFF9C



Protanomaly
9EE993



Deuteranomaly
A7E4A9

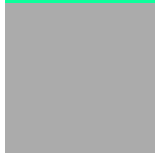


Tritanomaly
57F5DB

Monochromacy



Original Color
0DFF9C



Achromatopsia
ABABAB



Achromatomaly
72CAA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DFF9C 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 #0DFF9C looks like.

```
.text, #text, p{  
    color:#0DFF9C  
}
```

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 #0DFF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DFF9C
}
```

Border

The CSS property to change the border of an element to Hex 0DFF9C 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
#0DFF9C }
```

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

```
.border{ border-color:#0DFF9C }
```

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

Here you see how a box with a 4 pixel #0DFF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DFF9C; -webkit-box-shadow:4px 4px  
4px 4px #0DFF9C; box-shadow:4px 4px 4px  
4px #0DFF9C }
```

Background

The CSS property to change the background color of an element to Hex 0DFF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DFF9C }
```

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

```
.background{ background-color:#0DFF9C }
```

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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