

# Converting Colors

Hex(0DFD90)

Have a look what the booklet for  
Hex(0DFD90) contains.

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**Color**

**Hex(0DFD90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DFD90
RGB	13, 253, 144
RGB Percent	5%, 99%, 56%
CMY	0.9490, 0.0078, 0.4353
CMYK	0.95, 0.00, 0.43, 0.01
HSL	153°, 98%, 52%
HSV	153°, 95%, 99%
XYZ	40.3253, 72.3497, 38.2251
YIQ	168.8140, -108.0510, -84.7790

# Conversions

## Conversions Part 2

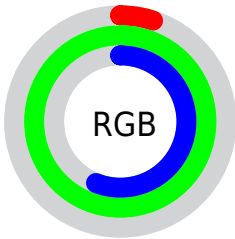
Format	Color
<a href="#">RYB</a>	<a href="#">13, 168, 253</a>
Decimal	<a href="#">916880</a>
CIELab	<a href="#">88.14, -73.16, 38.46</a>
CIELCh	<a href="#">88, 82.650, 152.270</a>
Yxy	<a href="#">72.3497, 0.2672, 0.4795</a>
Android (android.graphics.Color)	<a href="#">4279106960 (0xFF0DFD90)</a>
YUV	<a href="#">168.8140, -12.2333, -136.6489</a>
Hunter-Lab	<a href="#">85.0587, -64.2279, 32.8963</a>

# Details

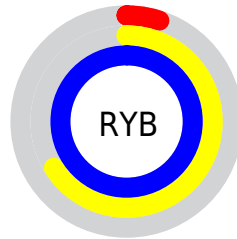
The Hex color **0DFD90** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FD0D7A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **75FFC7**, and **00C35C** is the 20% darker color. If you saturate the color by 10%, you get **00FD8A**, and if you desaturate by 10%, it is **26FD9B**.

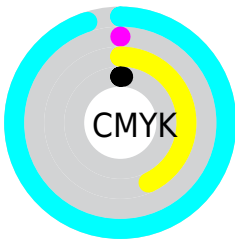
# Distribution



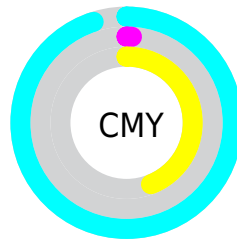
- Red (5%)
- Green (99%)
- Blue (56%)



- Red (5%)
- Yellow (66%)
- Blue (99%)



- Cyan (95%)
- Magenta (0%)
- Yellow (43%)
- Black (1%)



- Cyan (95%)
- Magenta (1%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DFD90 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 0DFD90 by changing the saturation by 10% instead.



 0DFD90

 0DFD90

FFFFFF

 00E076

 75FFC7

 00C35C

 97FFE3

 00A643


 B8FFFF

 008B2A

 D8FFFF

 00700F

 F8FFFF

 005500

 003D00

 002300

 000000

 0DFD90

 0DFD90

 00FD8A

 26FD9B

 40FDA7

 59FDB2

 72FDBE

 8CFDC9

 A5FDD5

 BEFDE0

 D7FDEC

 F1FDF7

# Harmonies

## Analogous

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



B0F14B



0DFD90



00FE1

# Triad

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



0DFD90



00E4FF



FF9E8E

# Complementary

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



0DFD90



FD0D7A

# 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.



FF91DA



0DFD90



E5C6FF

# Square

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



0DFD90



00F8FF



FFA3FF



FFBD4D

# Rectangle

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



0DFD90



00FFFF



FFA3FF



FF97A6

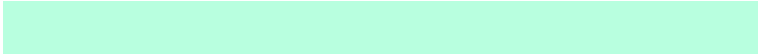


# Sweetspot

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



0DFD90



B8FFDF



7DFD0D



54806C



000000



808080



# Same Dimension

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



0DFD90



00FF8B



0DF5FD



73807A



00BF68



004023



# Inverse Universe

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



FD0D7A



FF0074



FD150D



807379



BF0057

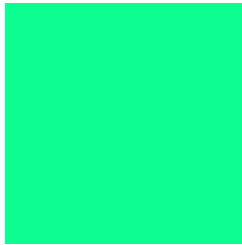


40001D



# Previews

## White Background



This preview shows how the Hex color 0DFD90 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 0DFD90 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 0DFD90 Background



This preview shows how black text looks on a background with the Hex color 0DFD90.

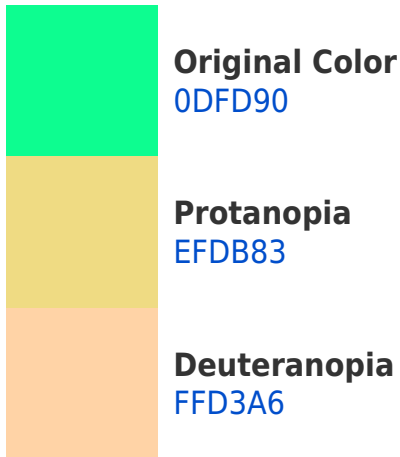


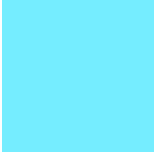
This preview shows how white text looks on a background with the Hex color 0DFD90.

# 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**  
75EDFF

# Trichromacy



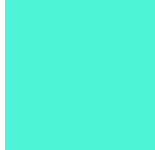
**Original Color**  
0DFD90



**Protanomaly**  
9DE788



**Deuteranomaly**  
A7E29E

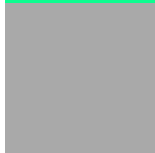


**Tritanomaly**  
4FF3D7

# Monochromacy



**Original Color**  
0DFD90



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
70C8A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DFD90 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 #0DFD90 looks like.

```
.text, #text, p{  
    color:#0DFD90  
}
```

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 #0DFD90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DFD90
}
```

## Border

The CSS property to change the border of an element to Hex 0DFD90 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
#0DFD90 }
```

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

```
.border{ border-color:#0DFD90 }
```

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

Here you see how a box with a 4 pixel #0DFD90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DFD90; -webkit-box-shadow:4px 4px  
4px 4px #0DFD90; box-shadow:4px 4px 4px  
4px #0DFD90 }
```

# Background

The CSS property to change the background color of an element to Hex 0DFD90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DFD90 }
```

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

```
.background{ background-color:#0DFD90 }
```

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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