

Converting Colors

Hex(0DFEA3)

Have a look what the booklet for
Hex(0DFEA3) contains.

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Color

Hex(0DFEA3)

Conversions

Conversions Part 1

Format	Color
Hex	0DFEA3
RGB	13, 254, 163
RGB Percent	5%, 100%, 64%
CMY	0.9490, 0.0039, 0.3608
CMYK	0.95, 0.00, 0.36, 0.00
HSL	157°, 99%, 52%
HSV	157°, 95%, 100%
XYZ	42.2186, 73.6135, 46.6340
YIQ	171.5670, -114.4250, -79.3930

Conversions

Conversions Part 2

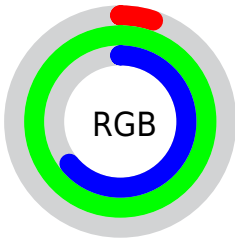
Format	Color
RYB	13, 162, 254
Decimal	917155
CIELab	88.74, -69.97, 29.83
CIELCh	89, 76.059, 156.910
Yxy	73.6135, 0.2599, 0.4531
Android (android.graphics.Color)	4279107235 (0xFF0DFEA3)
YUV	171.5670, -4.2235, -139.0633
Hunter-Lab	85.7983, -62.3129, 27.8329

Details

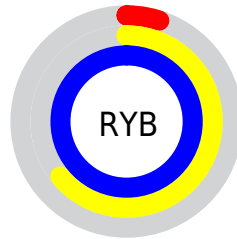
The Hex color **0DFEA3** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FE0D68**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **75FFDA**, and **00C46F** is the 20% darker color. If you saturate the color by 10%, you get **00FE9E**, and if you desaturate by 10%, it is **26FEAD**.

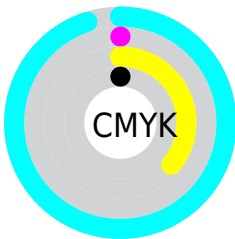
Distribution



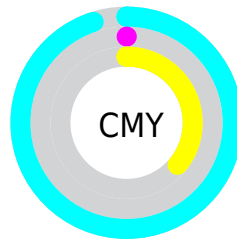
- Red (5%)
- Green (100%)
- Blue (64%)



- Red (5%)
- Yellow (64%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DFEA3 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 0DFEA3 by changing the saturation by 10% instead.

 0DFEA3

 0DFEA3

FFFFFF

 00E188

 75FFDA

 00C46F

 98FFF7

 00A856


 B8FFF7

 008C3D

 D9FFF7

 007126

 F9FFF7

 00570E

 003E00

 002500

 000000

 0DFEA3

 0DFEA3

 00FE9E

 26FEAD

 40FEB6

 59FEC0

 73FEC9

 8CFED3

 A5FEDD

 BFFEE6

 D8FEF0

 F2FEF9

Harmonies

Analogous

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



A9F363



0DFEA3



00FFEE

Triad

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



0DFEA3



67E1FF



FFA88B

Complementary

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



0DFEA3



FE0D68

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.



FF9CD1



0DFEA3



F8C4FF

Square

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



0DFEA3



00F6FF



FFA8FF



FFC655

Rectangle

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



0DFEA3



00FFFF



FFA8FF



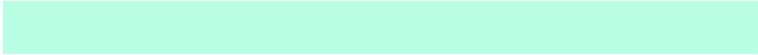
FFA3A1

Sweetspot

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



0DFEA3



B8FFE4



69FE0D



54806F



000000



808080

Same Dimension

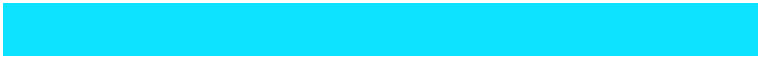
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0DFEA3



00FF9F



0DE2FE



73807B



00BF77



004028

Inverse Universe

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



FE0D68



FF0060



FE290D



807378



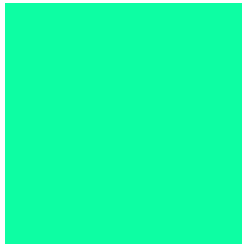
BF0048



400018

Previews

White Background



This preview shows how the Hex color 0DFEA3 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 0DFEA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

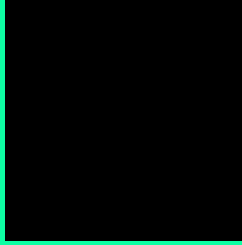
Any Text WCAG AA ✓ Pass

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 0DFEA3 Background



This preview shows how black text looks on a background with the Hex color 0DFEA3.

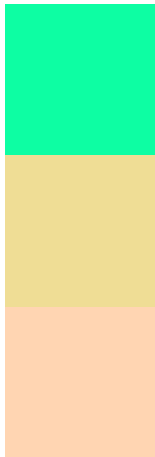


This preview shows how white text looks on a background with the Hex color 0DFEA3.

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](#).

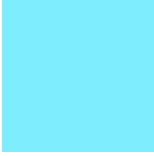
Dichromacy



Original Color
0DFEA3

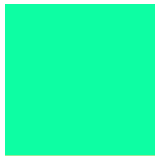
Protanopia
EFDD95

Deuteranopia
FFD5B2



Tritanopia
7EEEEFF

Trichromacy



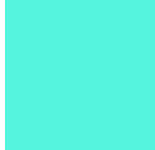
Original Color
0DFEA3



Protanomaly
9DE99A



Deuteranomaly
A7E4AD

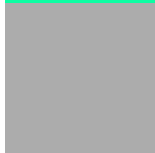


Tritanomaly
55F4DE

Monochromacy



Original Color
0DFEA3



Achromatopsia
ACACAC



Achromatomaly
72CAA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DFEA3 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 #0DFEA3 looks like.

```
.text, #text, p{  
    color:#0DFEA3  
}
```

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 #0DFEA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DFEA3
}
```

Border

The CSS property to change the border of an element to Hex 0DFEA3 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
#0DFEA3 }
```

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

```
.border{ border-color:#0DFEA3 }
```

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

Here you see how a box with a 4 pixel #0DFEA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DFEA3; -webkit-box-shadow:4px 4px  
4px 4px #0DFEA3; box-shadow:4px 4px 4px  
4px #0DFEA3 }
```

Background

The CSS property to change the background color of an element to Hex 0DFEA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DFEA3 }
```

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

```
.background{ background-color:#0DFEA3 }
```

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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