

# Converting Colors

Hex(00FDA2)

Have a look what the booklet for  
Hex(00FDA2) contains.

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**Color**

**Hex(00FDA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FDA2
RGB	0, 253, 162
RGB Percent	0%, 99%, 64%
CMY	1.0000, 0.0078, 0.3647
CMYK	1.00, 0.00, 0.36, 0.01
HSL	158°, 100%, 50%
HSV	158°, 100%, 99%
XYZ	41.6469, 72.8592, 46.0506
YIQ	166.9790, -121.5770, -81.9370

# Conversions

## Conversions Part 2

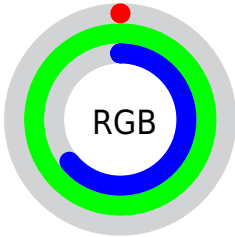
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 154, 253
Decimal	64930
CIELab	88.38, -70.15, 29.84
CIELCh	88, 76.232, 156.955
Yxy	72.8592, 0.2594, 0.4538
Android (android.graphics.Color)	4278255010 (0xFF00FDA2)
YUV	166.9790, -2.4546, -146.4406
Hunter-Lab	85.3576, -62.2838, 27.7632

# Details

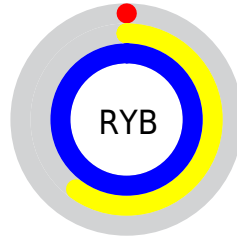
The Hex color **00FDA2** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FD005B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFD9**, and **00C36E** is the 20% darker color. If you saturate the color by 10%, you get **00FDA2**, and if you desaturate by 10%, it is **19FDAB**.

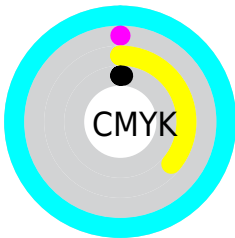
# Distribution



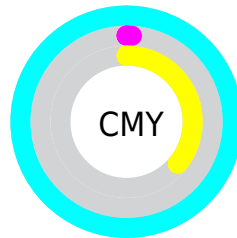
- Red (0%)
- Green (99%)
- Blue (64%)



- Red (0%)
- Yellow (60%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FDA2 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 00FDA2 by changing the saturation by 10% instead.



 00FDA2

 00FDA2

FFFFFF

 00E087

 73FFD9

 00C36E

 96FFF6

 00A755

 B7FFF6

 008B3C

 D7FFF6

 007025

 F7FFF6

 00560D

 003D00

 002400

 000000

 00FDA2

 19FDAB

 33FDB4

 4CFDBD

 65FDC6

 7FFDD0

 98FDD9

 B1FDE2

 CAFDEB

 E4FDF4

# Harmonies

## Analogous

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



A8F262



00FDA2



00FFED

# Triad

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



00FDA2



65E0FF



FFA98A

# Complementary

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



00FDA2



FD005B

# 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.



FF9AD0



00FDA2



F7C3FF

# Square

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



00FDA2



00F5FF



FFA6FF



FFC554

# Rectangle

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



00FDA2



00FFFF



FFA6FF



FFA2A0

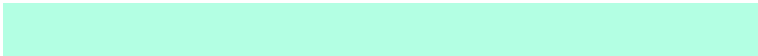


# Sweetspot

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



00FDA2



B3FFE3



5DFD00



52806F



000000



808080



# Same Dimension

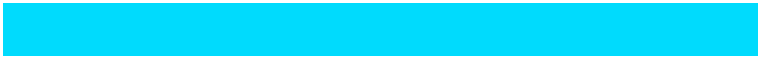
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FDA2



00FFA3



00DBFD



73807B



00BF7A



004029



# Inverse Universe

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



FD005B



FF005C



FD2200



807377



BF0045

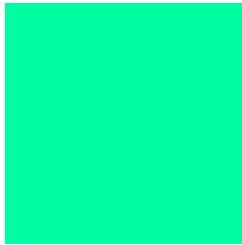


400017



# Previews

## White Background



This preview shows how the Hex color 00FDA2 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 00FDA2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

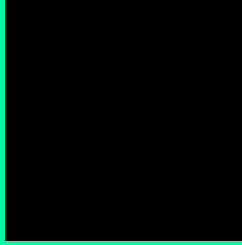
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

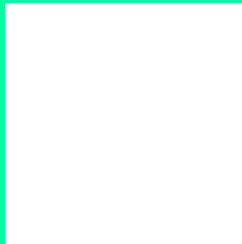
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00FDA2 Background



This preview shows how black text looks on a background with the Hex color 00FDA2.

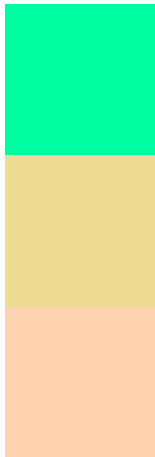


This preview shows how white text looks on a background with the Hex color 00FDA2.

# 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](#).

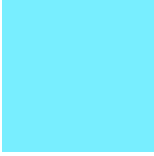
## Dichromacy



**Original Color**  
00FDA2

**Protanopia**  
EEDC94

**Deuteranopia**  
FFD3AF



**Tritanopia**  
78EEFF

# Trichromacy



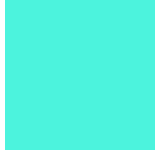
**Original Color**  
00FDA2



**Protanomaly**  
97E899



**Deuteranomaly**  
A2E2AA



**Tritanomaly**  
4CF3DD

# Monochromacy



**Original Color**  
00FDA2



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
6AC6A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FDA2 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 #00FDA2 looks like.

```
.text, #text, p{  
    color:#00FDA2  
}
```

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 #00FDA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FDA2
}
```

## Border

The CSS property to change the border of an element to Hex 00FDA2 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
#00FDA2 }
```

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

```
.border{ border-color:#00FDA2 }
```

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

Here you see how a box with a 4 pixel #00FDA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FDA2; -webkit-box-shadow:4px 4px  
4px 4px #00FDA2; box-shadow:4px 4px 4px  
4px #00FDA2 }
```

# Background

The CSS property to change the background color of an element to Hex 00FDA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FDA2 }
```

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

```
.background{ background-color:#00FDA2 }
```

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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