

# Converting Colors

Hex(18FFA3)

Have a look what the booklet for  
Hex(18FFA3) contains.

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# **Color**

**Hex(18FFA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18FFA3
RGB	24, 255, 163
RGB Percent	9%, 100%, 64%
CMY	0.9059, 0.0000, 0.3608
CMYK	0.91, 0.00, 0.36, 0.00
HSL	156°, 100%, 55%
HSV	156°, 91%, 100%
XYZ	42.7475, 74.3585, 46.7499
YIQ	175.4430, -108.1440, -77.5840

# Conversions

## Conversions Part 2

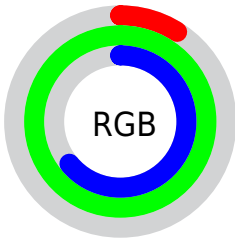
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 168, 255
Decimal	1638307
CIE Lab	89.09, -69.90, 30.31
CIE LCh	89, 76.186, 156.556
Yxy	74.3585, 0.2609, 0.4538
Android (android.graphics.Color)	4279828387 (0xFF18FFA3)
YUV	175.4430, -6.1344, -132.8155
Hunter-Lab	86.2314, -62.4170, 28.2182

# Details

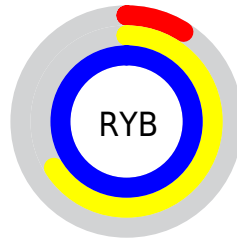
The Hex color **18FFA3** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1874**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **78FFDA**, and **00C56E** is the 20% darker color. If you saturate the color by 10%, you get **00FF99**, and if you desaturate by 10%, it is **31FFAD**.

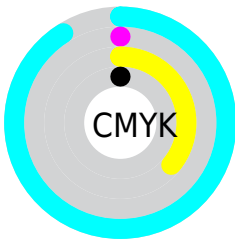
# Distribution



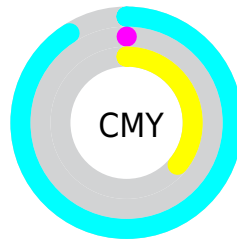
- Red (9%)
- Green (100%)
- Blue (64%)



- Red (9%)
- Yellow (66%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18FFA3 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 18FFA3 by changing the saturation by 10% instead.



 18FFA3

FFFFFF

 78FFDA

 9AFF7

 BBFFF

 DBFFF

 FBFFF

 18FFA3

 00E288

 00C56E

 00A855

 008D3D

 007226

 00580D

 003F00

 002600

 000000

 18FFA3

 18FFA3

 00FF99

 31FFAD

 4BFFB7

 64FFC1

 7EFFCC

 97FFD6

 B1FFE0

 CBFFEA

 E4FFF4

 FDFFFE

# Harmonies

## Analogous

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



ABF463



18FFA3



00FFEE

# Triad

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



18FFA3



65E3FF



FFAB8D

# Complementary

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



18FFA3



FF1874

# 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.



FF9DD3



18FFA3



F8C6FF

# Square

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



18FFA3



00F7FF



FFA9FF



FFC757

# Rectangle

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



18FFA3



00FFFF



FFA9FF



FFA4A3

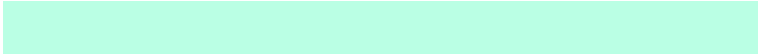


# Sweetspot

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



18FFA3



BAFFE4



74FF18



57806F



000000



808080



# Same Dimension

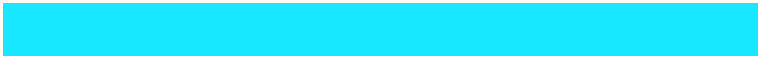
The Same Dimension uses a secret algorithm to generate beautiful new colors.



18FFA3



00FF99



18E8FF



73807A



00BF73



004026



# Inverse Universe

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



FF1874



FF0066



FF2F18



807378



BF004C

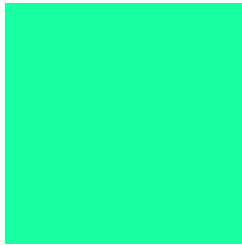


400019



# Previews

## White Background



This preview shows how the Hex color 18FFA3 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 18FFA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

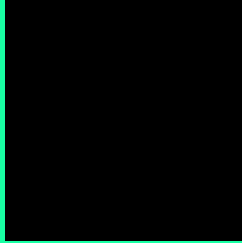
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 18FFA3 Background



This preview shows how black text looks on a background with the Hex color 18FFA3.

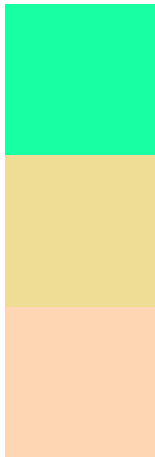


This preview shows how white text looks on a background with the Hex color 18FFA3.

# 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](#).

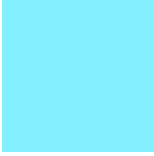
## Dichromacy



**Original Color**  
18FFA3

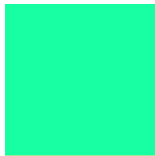
**Protanopia**  
F0DD95

**Deuteranopia**  
FFD6B4



**Tritanopia**  
83EFFF

# Trichromacy



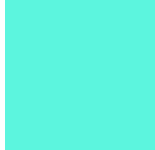
**Original Color**  
18FFA3



**Protanomaly**  
A1E99A



**Deuteranomaly**  
ABE5AE

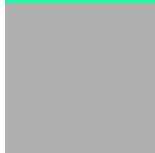


**Tritanomaly**  
5CF5DE

# Monochromacy



**Original Color**  
18FFA3



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
78CCAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18FFA3 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 #18FFA3 looks like.

```
.text, #text, p{  
    color:#18FFA3  
}
```

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 #18FFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18FFA3
}
```

## Border

The CSS property to change the border of an element to Hex 18FFA3 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
#18FFA3 }
```

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

```
.border{ border-color:#18FFA3 }
```

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

Here you see how a box with a 4 pixel #18FFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18FFA3; -webkit-box-shadow:4px 4px  
4px 4px #18FFA3; box-shadow:4px 4px 4px  
4px #18FFA3 }
```

# Background

The CSS property to change the background color of an element to Hex 18FFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18FFA3 }
```

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

```
.background{ background-color:#18FFA3 }
```

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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