

Converting Colors

Hex(18FC94)

Have a look what the booklet for
Hex(18FC94) contains.

Hex(18FC94)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18FC94)

Conversions

Conversions Part 1

Format	Color
Hex	18FC94
RGB	24, 252, 148
RGB Percent	9%, 99%, 58%
CMY	0.9059, 0.0118, 0.4196
CMYK	0.90, 0.00, 0.41, 0.01
HSL	153°, 97%, 54%
HSV	153°, 90%, 99%
XYZ	40.5324, 71.9531, 39.7690
YIQ	171.9720, -102.5040, -80.6800

Conversions

Conversions Part 2

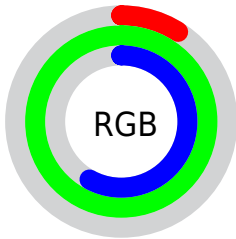
Format	Color
RYB	24, 172, 252
Decimal	1637524
CIELab	87.95, -71.69, 36.25
CIELCh	88, 80.339, 153.175
Yxy	71.9531, 0.2662, 0.4726
Android (android.graphics.Color)	4279827604 (0xFF18FC94)
YUV	171.9720, -11.8182, -129.7714
Hunter-Lab	84.8252, -63.1506, 31.5804

Details

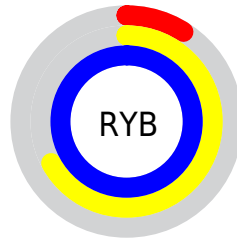
The Hex color **18FC94** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FC1880**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **77FFCB**, and **00C260** is the 20% darker color. If you saturate the color by 10%, you get **00FC89**, and if you desaturate by 10%, it is **31FC9F**.

Distribution



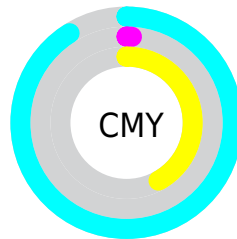
- Red (9%)
- Green (99%)
- Blue (58%)



- Red (9%)
- Yellow (67%)
- Blue (99%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (1%)



- Cyan (91%)
- Magenta (1%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18FC94 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 18FC94 by changing the saturation by 10% instead.

 18FC94

 18FC94

FFFFFF

 00DF7A

 77FFCB

 00C260

 99FFE7

 00A647

 BAFFFF

 008A2E

 DAFFFF

 006F15

 FAFFFF

 005500

 003C00

 002300

 000000

 18FC94

 18FC94

 00FC89

 31FC9F

 4AFCAB

 64FCB6

 7DFCC2

 96FCCD

 AFFCD9

 C8FCE4

 E2FCF0

 FBFCFB

Harmonies

Analogous

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



AEF051



18FC94



00FE3

Triad

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



18FC94



00E3FF



FFA18D

Complementary

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



18FC94



FC1880

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.



FF93D8



18FC94



E9C5FF

Square

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



18FC94



00F6FF



FFA4FF



FFBF50

Rectangle

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



18FC94



00FFFF



FFA4FF



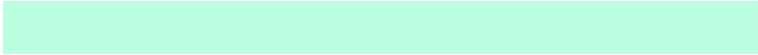
FF99A5

Sweetspot

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



18FC94



BAFFE0



82FC18



57806D



000000



808080

Same Dimension

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



18FC94



00FF8B



18F4FC



707D77



00BD67



003D21

Inverse Universe

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



FC1880



FF0074



FC2018



7D7076



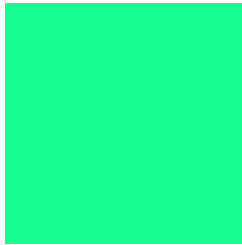
BD0056



3D001C

Previews

White Background



This preview shows how the Hex color 18FC94 looks on a white background.

Color Contrast Check

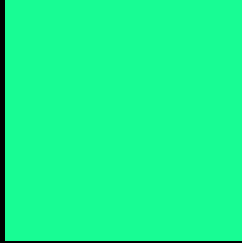
Large Text (above 18pt) WCAG AA × Fail

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 18FC94 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 18FC94 Background



This preview shows how black text looks on a background with the Hex color 18FC94.

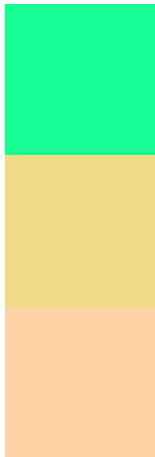


This preview shows how white text looks on a background with the Hex color 18FC94.

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](#).

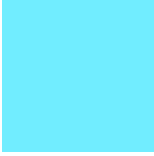
Dichromacy



Original Color
E67E22

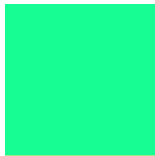
Protanopia
F1C40F

Deuteranopia
F39C12



Tritanopia
71EDFF

Trichromacy



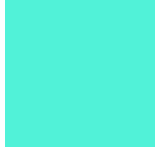
Original Color
18FC94



Protanomaly
A0E68C



Deuteranomaly
ABE19F



Tritanomaly
51F2D8

Monochromacy



Original Color
18FC94



Achromatopsia
ACACAC



Achromatomaly
76C9A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 18FC94 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 #18FC94 looks like.

```
.text, #text, p{  
    color:#18FC94  
}
```

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 #18FC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18FC94
}
```

Border

The CSS property to change the border of an element to Hex 18FC94 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
#18FC94 }
```

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

```
.border{ border-color:#18FC94 }
```

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

Here you see how a box with a 4 pixel #18FC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18FC94; -webkit-box-shadow:4px 4px  
4px 4px #18FC94; box-shadow:4px 4px 4px  
4px #18FC94 }
```

Background

The CSS property to change the background color of an element to Hex 18FC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18FC94 }
```

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

```
.background{ background-color:#18FC94 }
```

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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