

Converting Colors

Hex(19FFA5)

Have a look what the booklet for
Hex(19FFA5) contains.

Hex(19FFA5)	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(19FFA5)

Conversions

Conversions Part 1

Format	Color
Hex	19FFA5
RGB	25, 255, 165
RGB Percent	10%, 100%, 65%
CMY	0.9020, 0.0000, 0.3529
CMYK	0.90, 0.00, 0.35, 0.00
HSL	157°, 100%, 55%
HSV	157°, 90%, 100%
XYZ	42.9524, 74.4433, 47.7025
YIQ	175.9700, -108.1900, -76.7500

Conversions

Conversions Part 2

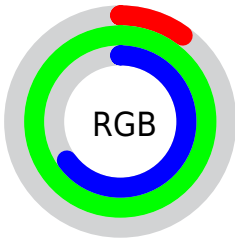
Format	Color
R_{YB}	25, 168, 255
Decimal	1703845
CIE _{Lab}	89.13, -69.46, 29.36
CIE _{LCh}	89, 75.409, 157.085
Yxy	74.4433, 0.2602, 0.4509
Android (android.graphics.Color)	4279893925 (0xFF19FFA5)
YUV	175.9700, -5.4082, -132.4007
Hunter-Lab	86.2805, -62.1295, 27.6163

Details

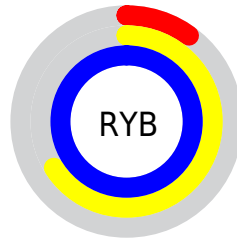
The Hex color **19FFA5** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1973**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **78FFDC**, and **00C570** is the 20% darker color. If you saturate the color by 10%, you get **00FF9B**, and if you desaturate by 10%, it is **32FFAF**.

Distribution



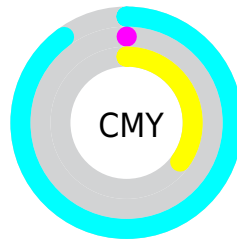
- Red (10%)
- Green (100%)
- Blue (65%)



- Red (10%)
- Yellow (66%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19FFA5 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 19FFA5 by changing the saturation by 10% instead.

 19FFA5

 19FFA5

FFFFFF

 00E28A

 78FFDC

 00C570

 9AFF9

 00A857

 BBFFF

 008D3F

 DBFFF

 007228

 FBFFF

 005810

 003F00

 002600

 000000

 19FFA5

 19FFA5

 00FF9B

 32FFAF

 4CFFB9

 65FFC3

 7FFFCD

 98FFD7

 B2FFE1

 CBFFEB

 E5FFF5

FEFFFF

Harmonies

Analogous

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



ABF466



19FFA5



00FFEF

Triad

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



19FFA5



6DE2FF



FFAC8D

Complementary

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



19FFA5



FF1973

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.



FF9ED2



19FFA5



FAC6FF

Square

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



19FFA5



00F6FF



FFA9FF



FFC858

Rectangle

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



19FFA5



00FFFF



FFA9FF



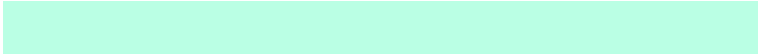
FFA5A3

Sweetspot

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



19FFA5



BAFFE4



75FF19



578070



000000



808080

Same Dimension

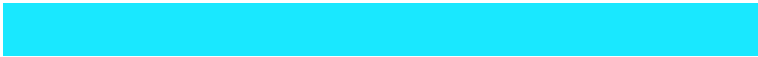
The Same Dimension uses a secret algorithm to generate beautiful new colors.



19FFA5



00FF9B



19E8FF



73807B



00BF74



004027

Inverse Universe

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



FF1973



FF0064



FF3019



807378



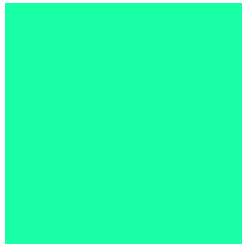
BF004B



400019

Previews

White Background



This preview shows how the Hex color 19FFA5 looks on a white background.

Color Contrast Check

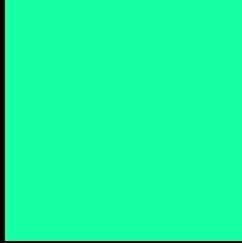
Large Text (above 18pt) WCAG AA × Fail

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 19FFA5 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 19FFA5 Background



This preview shows how black text looks on a background with the Hex color 19FFA5.

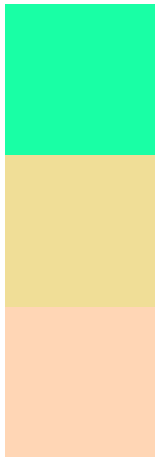


This preview shows how white text looks on a background with the Hex color 19FFA5.

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](#).

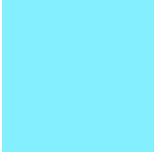
Dichromacy



Original Color
19FFA5

Protanopia
F0DE97

Deuteranopia
FFD6B5



Tritanopia
84EFFF

Trichromacy



Original Color
19FFA5



Protanomaly
A2EA9C



Deuteranomaly
ABE5AF

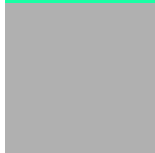


Tritanomaly
5DF5DE

Monochromacy



Original Color
19FFA5



Achromatopsia
B0B0B0



Achromatomaly
79CDAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 19FFA5 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 #19FFA5 looks like.

```
.text, #text, p{  
    color:#19FFA5  
}
```

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 #19FFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19FFA5
}
```

Border

The CSS property to change the border of an element to Hex 19FFA5 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
#19FFA5 }
```

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

```
.border{ border-color:#19FFA5 }
```

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

Here you see how a box with a 4 pixel #19FFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19FFA5; -webkit-box-shadow:4px 4px  
4px 4px #19FFA5; box-shadow:4px 4px 4px  
4px #19FFA5 }
```

Background

The CSS property to change the background color of an element to Hex 19FFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19FFA5 }
```

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

```
.background{ background-color:#19FFA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor