

Converting Colors

Hex(19FFCE)

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

Hex(19FFCE)	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(19FFCE)

Conversions

Conversions Part 1

Format	Color
Hex	19FFCE
RGB	25, 255, 206
RGB Percent	10%, 100%, 81%
CMY	0.9020, 0.0000, 0.1922
CMYK	0.90, 0.00, 0.19, 0.00
HSL	167°, 100%, 55%
HSV	167°, 90%, 100%
XYZ	47.3015, 76.1829, 70.6042
YIQ	180.6440, -121.3510, -63.9990

Conversions

Conversions Part 2

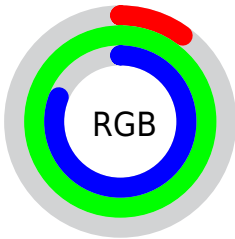
Format	Color
R_{YB}	25, 154, 255
Decimal	1703886
CIE _{Lab}	89.94, -60.42, 9.55
CIE _{LCh}	90, 61.175, 171.016
Yxy	76.1829, 0.2437, 0.3925
Android (android.graphics.Color)	4279893966 (0xFF19FFCE)
YUV	180.6440, 12.5005, -136.4998
Hunter-Lab	87.2828, -56.0098, 13.1375

Details

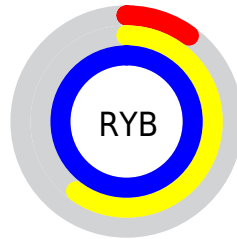
The Hex color **19FFCE** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF194A**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **79FFFF**, and **00C598** is the 20% darker color. If you saturate the color by 10%, you get **00FFC9**, and if you desaturate by 10%, it is **32FFD3**.

Distribution



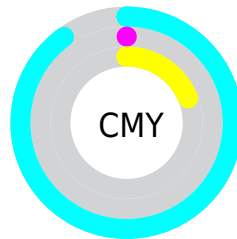
- Red (10%)
- Green (100%)
- Blue (81%)



- Red (10%)
- Yellow (60%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 19FFCE

 19FFCE

FFFFFF

 00E2B3

 79FFFF

 00C598

 9CFFFF

 00A97E

 BDFFFF

 008D65

 DDFFFF

 00734D

 FDFFFF

 005936

 004021

 00280B

 000000

 19FFCE

 19FFCE

 00FFC9

 32FFD3

 4CFFD9

 65FFDE

 7FFFE4

 98FFE9

 B2FFE9

 CBFFF4

 E5FFF9

FEFFFF

Harmonies

Analogous

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



98F896



19FFCE



00FFFF

Triad

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



19FFCE



CBD AFF



FFC389

Complementary

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



19FFCE



FF194A

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.



FFB3BB



19FFCE



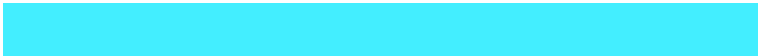
FFC3FF

Square

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



19FFCE



43EEFF



FFB3F6



FFD96C

Rectangle

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



19FFCE



00DFFF



FFB3F6



FFBD98

Sweetspot

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



19FFCE



BAFFF0



4BFF19



578077



000000



808080

Same Dimension

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



19FFCE



00FFC9



19BEFF



73807D



00BF97



004032

Inverse Universe

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



FF194A



FF0036



FF5A19



807375



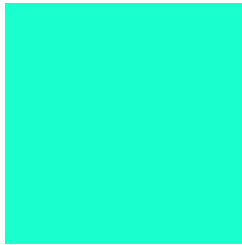
BF0029



40000E

Previews

White Background



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

Color Contrast Check

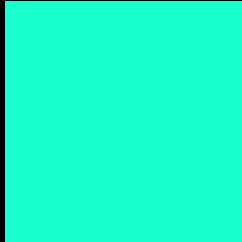
Large Text (above 18pt) WCAG AA × Fail

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 19FFCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

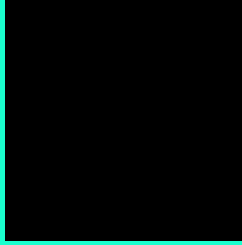
Any Text WCAG AA ✓ Pass

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 19FFCE Background



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

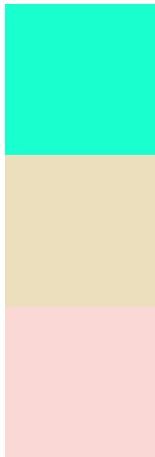


This preview shows how white text looks on a background with the Hex color 19FFCE.

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](#).

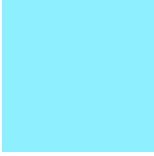
Dichromacy



Original Color
19FFCE

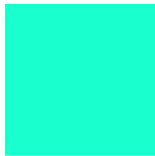
Protanopia
ECDFBE

Deuteranopia
F9D8D6

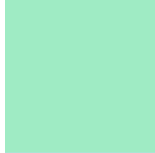


Tritanopia
8EF0FF

Trichromacy



Original Color
19FFCE



Protanomaly
9FEBC4

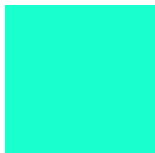


Deuteranomaly
A8E6D3



Tritanomaly
63F5ED

Monochromacy



Original Color
19FFCE



Achromatopsia
B5B5B5



Achromatomaly
7CD0BE

CSS Examples

Text

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

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

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 #19FFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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