

Converting Colors

Hex(19FF6E)

Have a look what the booklet for
Hex(19FF6E) contains.

| | |
|--|----|
| Hex(19FF6E) | 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(19FF6E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 19FF6E |
| RGB | 25, 255, 110 |
| RGB Percent | 10%, 100%, 43% |
| CMY | 0.9020, 0.0000, 0.5686 |
| CMYK | 0.90, 0.00, 0.57, 0.00 |
| HSL | 142°, 100%, 55% |
| HSV | 142°, 90%, 100% |
| XYZ | 38.9754, 72.8525, 26.7596 |
| YIQ | 169.7000, -90.5350, -93.8550 |

Conversions

Conversions Part 2

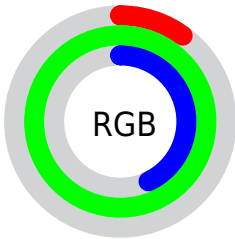
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 25, 193, 255 |
| Decimal | 1703790 |
| CIELab | 88.38, -78.43, 54.68 |
| CIELCh | 88, 95.616, 145.116 |
| Yxy | 72.8525, 0.2812, 0.5257 |
| Android (android.graphics.Color) | 4279893870 (0xFF19FF6E) |
| YUV | 169.7000, -29.4321, -126.9019 |
| Hunter-Lab | 85.3537, -67.8597, 41.1593 |

Details

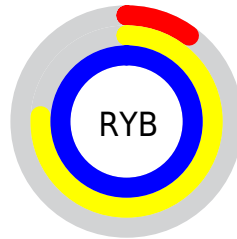
The Hex color **19FF6E** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF19AA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **79FFA5**, and **00C438** is the 20% darker color. If you saturate the color by 10%, you get **00FF5E**, and if you desaturate by 10%, it is **32FF7E**.

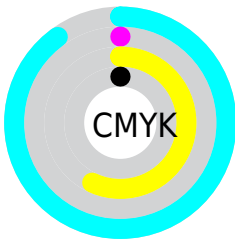
Distribution



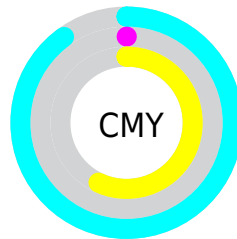
- Red (10%)
- Green (100%)
- Blue (43%)



- Red (10%)
- Yellow (76%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19FF6E 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 19FF6E by changing the saturation by 10% instead.

 19FF6E

 19FF6E

FFFFFF

 00E153

 79FFA5

 00C438

 9BFFC1

 00A819

 BCFFDE

 008C00

 DCFFB

 007100

 FDFFFF

 005700

 003E00

 002400

 000000

 19FF6E

 19FF6E

 00FF5E

 32FF7E

 4CFF8E

 65FF9E

 7FFFAE

 98FFBE

 B2FFCE

 CBFFDF

 E5FFEF

FEFFFF

Harmonies

Analogous

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



BEEF00



19FF6E



00FFCB

Triad

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



19FF6E



00EDFF



FF8896

Complementary

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



19FF6E



FF19AA

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.



FF7FF1



19FF6E



BCCCFF

Square

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



19FF6E



00FFFF



FFA0FF



FFAF43

Rectangle

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



19FF6E



00FFFF



FFA0FF



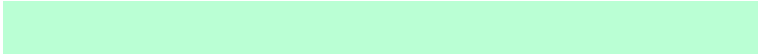
FF7FB4

Sweetspot

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



19FF6E



BAFFD4



ABFF19



578066



000000



808080

Same Dimension

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



19FF6E



00FF5E



19FFE0



738077



00BF47



004018

Inverse Universe

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



FF19AA



FF00A1



FF1938



80737B



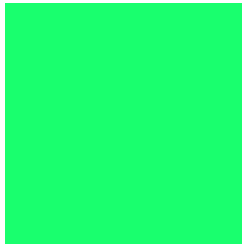
BF0079



400028

Previews

White Background



This preview shows how the Hex color 19FF6E looks on a white background.

Color Contrast Check

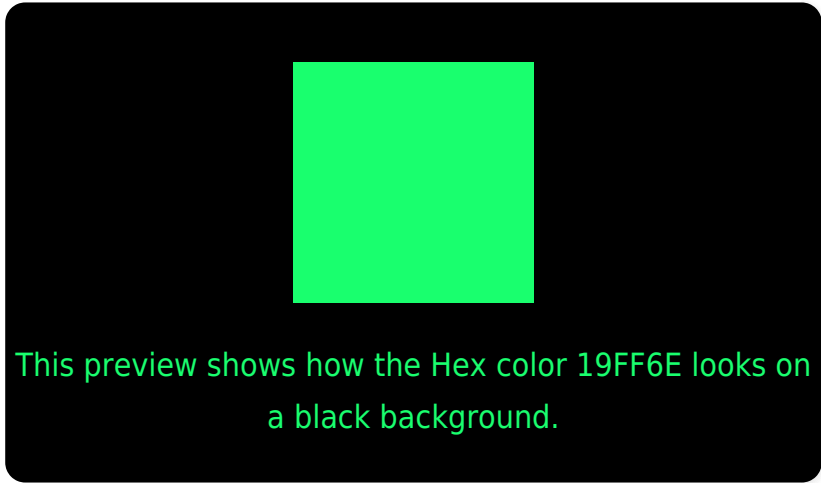
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 19FF6E Background



This preview shows how black text looks on a background with the Hex color 19FF6E.

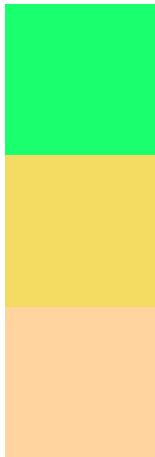


This preview shows how white text looks on a background with the Hex color 19FF6E.

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](#).

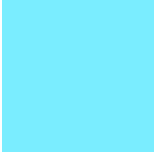
Dichromacy



Original Color
E67E22

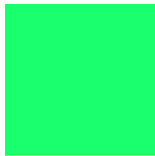
Protanopia
F4DC63

Deuteranopia
FFD49E



Tritanopia
7AEDFF

Trichromacy



Original Color
19FF6E



Protanomaly
A4E967



Deuteranomaly
ABE48D



Tritanomaly
57F4CA

Monochromacy



Original Color
19FF6E



Achromatopsia
AAAAAA



Achromatomaly
75C994

CSS Examples

Text

The CSS property to change the color of the text to Hex 19FF6E 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 #19FF6E looks like.

```
.text, #text, p{  
    color:#19FF6E  
}
```

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 #19FF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19FF6E
}
```

Border

The CSS property to change the border of an element to Hex 19FF6E 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
#19FF6E }
```

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

```
.border{ border-color:#19FF6E }
```

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

Here you see how a box with a 4 pixel #19FF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19FF6E; -webkit-box-shadow:4px 4px  
4px 4px #19FF6E; box-shadow:4px 4px 4px  
4px #19FF6E }
```

Background

The CSS property to change the background color of an element to Hex 19FF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19FF6E }
```

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

```
.background{ background-color:#19FF6E }
```

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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