

Converting Colors

Hex(19FF6A)

Have a look what the booklet for
Hex(19FF6A) contains.

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Color

Hex(19FF6A)

Conversions

Conversions Part 1

Format	Color
Hex	19FF6A
RGB	25, 255, 106
RGB Percent	10%, 100%, 42%
CMY	0.9020, 0.0000, 0.5843
CMYK	0.90, 0.00, 0.58, 0.00
HSL	141°, 100%, 55%
HSV	141°, 90%, 100%
XYZ	38.7624, 72.7673, 25.6382
YIQ	169.2440, -89.2510, -95.0990

Conversions

Conversions Part 2

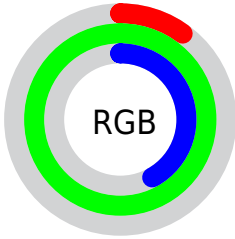
Format	Color
RYB	25, 195, 255
Decimal	1703786
CIELab	88.34, -78.94, 56.39
CIELCh	88, 97.009, 144.460
Yxy	72.7673, 0.2826, 0.5305
Android (android.graphics.Color)	4279893866 (0xFF19FF6A)
YUV	169.2440, -31.1793, -126.5020
Hunter-Lab	85.3037, -68.1703, 41.8929

Details

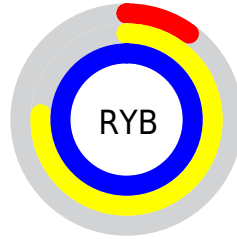
The Hex color **19FF6A** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF19AE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **79FFA1**, and **00C433** is the 20% darker color. If you saturate the color by 10%, you get **00FF5A**, and if you desaturate by 10%, it is **32FF7B**.

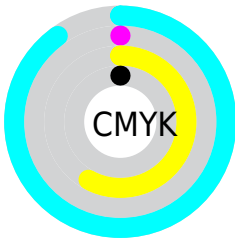
Distribution



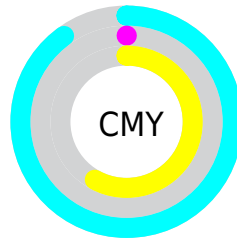
- Red (10%)
- Green (100%)
- Blue (42%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19FF6A 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 19FF6A by changing the saturation by 10% instead.

 19FF6A

 19FF6A

FFFFFF

 00E14F

 79FFA1

 00C433

 9BFFBD

 00A811

 BCFFDA

 008C00

 DDFFF7

 007100

 FDFFFF

 005700

 003E00

 002400

 000000

 19FF6A

 19FF6A

 00FF5A

 32FF7B

 4CFF8B

 65FF9C

 7FFFAC

 98FFBD

 B2FFCD

 CBFFDE

 E5FFEE

FEFFFF

Harmonies

Analogous

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



BFEF00



19FF6A



00FFC9

Triad

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



19FF6A



00EEFF



FF8597

Complementary

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



19FF6A



FF19AE

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.



FF7CF3



19FF6A



B6CFFF

Square

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



19FF6A



00FFFF



FFA0FF



FFA042

Rectangle

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



19FF6A



00FFFF



FFA0FF



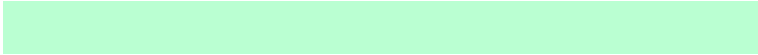
FF7CB5

Sweetspot

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



19FF6A



BAFFD2



AEFF19



578065



000000



808080

Same Dimension

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



19FF6A



00FF5A



19FFDC



738077



00BF43



004016

Inverse Universe

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



FF19AE



FF00A5



FF193C



80737B



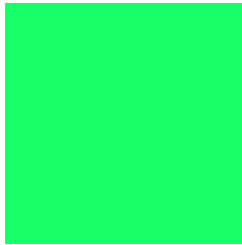
BF007C



400029

Previews

White Background



This preview shows how the Hex color 19FF6A looks on a white background.

Color Contrast Check

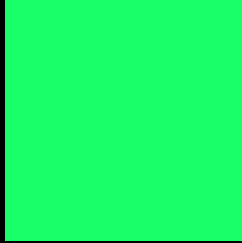
Large Text (above 18pt) WCAG AA × Fail

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 19FF6A 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 19FF6A Background



This preview shows how black text looks on a background with the Hex color 19FF6A.

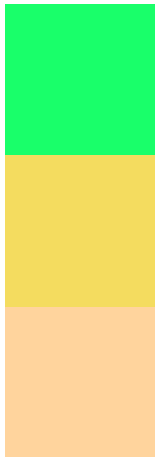


This preview shows how white text looks on a background with the Hex color 19FF6A.

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](#).

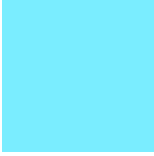
Dichromacy



Original Color
19FF6A

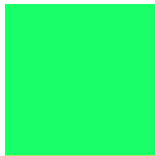
Protanopia
F4DC5F

Deuteranopia
FFD49D



Tritanopia
7AEDFF

Trichromacy



Original Color
19FF6A



Protanomaly
A4E963



Deuteranomaly
ABE48A



Tritanomaly
57F4C9

Monochromacy



Original Color
19FF6A



Achromatopsia
A9A9A9



Achromatomaly
75C892

CSS Examples

Text

The CSS property to change the color of the text to Hex 19FF6A 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 #19FF6A looks like.

```
.text, #text, p{  
    color:#19FF6A  
}
```

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 #19FF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19FF6A
}
```

Border

The CSS property to change the border of an element to Hex 19FF6A 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
#19FF6A }
```

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

```
.border{ border-color:#19FF6A }
```

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

Here you see how a box with a 4 pixel #19FF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19FF6A; -webkit-box-shadow:4px 4px  
4px 4px #19FF6A; box-shadow:4px 4px 4px  
4px #19FF6A }
```

Background

The CSS property to change the background color of an element to Hex 19FF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19FF6A }
```

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

```
.background{ background-color:#19FF6A }
```

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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