

# Converting Colors

Hex(19FF73)

Have a look what the booklet for  
Hex(19FF73) contains.

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# Color

Hex(19FF73)

# Conversions

## Conversions Part 1

Format	Color
Hex	19FF73
RGB	25, 255, 115
RGB Percent	10%, 100%, 45%
CMY	0.9020, 0.0000, 0.5490
CMYK	0.90, 0.00, 0.55, 0.00
HSL	143°, 100%, 55%
HSV	143°, 90%, 100%
XYZ	39.2554, 72.9645, 28.2342
YIQ	170.2700, -92.1400, -92.3000

# Conversions

## Conversions Part 2

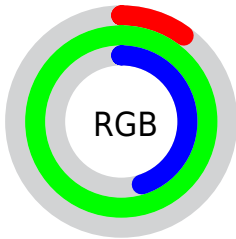
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 190, 255
Decimal	1703795
CIELab	88.43, -77.78, 52.52
CIELCh	88, 93.847, 145.972
Yxy	72.9645, 0.2795, 0.5195
Android (android.graphics.Color)	4279893875 (0xFF19FF73)
YUV	170.2700, -27.2481, -127.4018
Hunter-Lab	85.4192, -67.4519, 40.1959

# Details

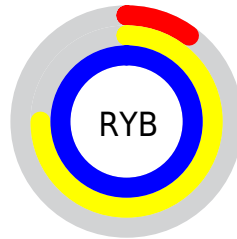
The Hex color **19FF73** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF19A5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **79FFAA**, and **00C53D** is the 20% darker color. If you saturate the color by 10%, you get **00FF64**, and if you desaturate by 10%, it is **32FF83**.

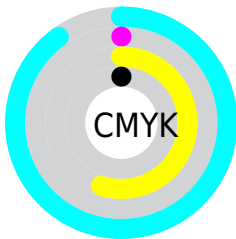
# Distribution



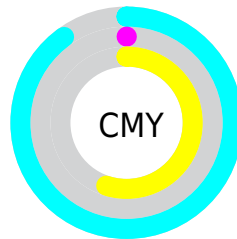
- Red (10%)
- Green (100%)
- Blue (45%)



- Red (10%)
- Yellow (75%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19FF73 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 19FF73 by changing the saturation by 10% instead.



 19FF73

 19FF73

FFFFFF

 00E158

 79FFAA

 00C53D

 9BFFC6

 00A821

 BCFFE3

 008C00

 DCFFFF

 007100

 FCFFFF

 005700

 003E00

 002400

 000000

 19FF73

 19FF73

 00FF64

 32FF83

 4CFF92

 65FFA2

 7FFFB1

 98FFC1

 B2FFD0

 CBFFE0

 E5FFEF

FEFFFF

# Harmonies

## Analogous

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



BCF012



19FF73



00FFCF

# Triad

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



19FF73



00ECFF



FF8B95

# Complementary

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



19FF73



FF19A5

# 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.



FF81EE



19FF73



C3CBFF

# Square

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



19FF73



00FFFF



FFA1FF



FFB145

# Rectangle

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



19FF73



00FFFF



FFA1FF



FF83B2

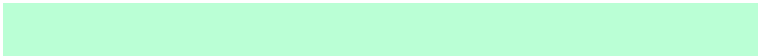


# Sweetspot

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



19FF73



BAFFD5



A7FF19



578067



000000



808080



# Same Dimension

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



19FF73



00FF64



19FFE4



738078



00BF4B



004019



# Inverse Universe

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



FF19A5



FF009B



FF1934



80737B



BF0074

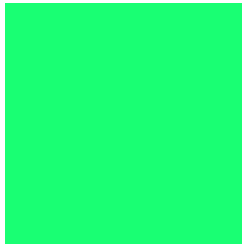


400027



# Previews

## White Background



This preview shows how the Hex color 19FF73 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 19FF73 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 19FF73 Background



This preview shows how black text looks on a background with the Hex color 19FF73.

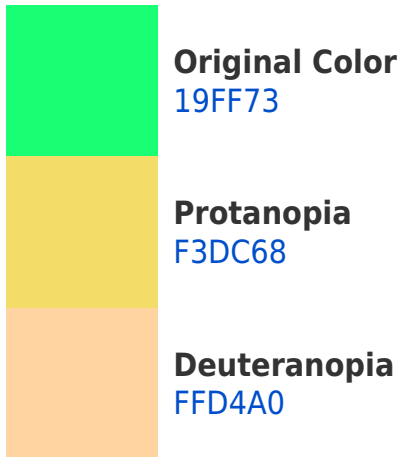


This preview shows how white text looks on a background with the Hex color 19FF73.

# 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](#).

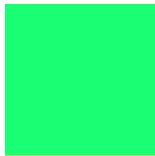
## Dichromacy





**Tritanopia**  
7BEEFF

# Trichromacy



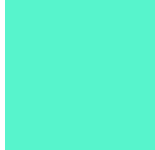
**Original Color**  
19FF73



**Protanomaly**  
A4E96C



**Deuteranomaly**  
ABE490



**Tritanomaly**  
57F4CC

# Monochromacy



**Original Color**  
19FF73



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
75C996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19FF73 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 #19FF73 looks like.

```
.text, #text, p{  
    color:#19FF73  
}
```

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 #19FF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19FF73
}
```

## Border

The CSS property to change the border of an element to Hex 19FF73 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
#19FF73 }
```

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

```
.border{ border-color:#19FF73 }
```

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

Here you see how a box with a 4 pixel #19FF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19FF73; -webkit-box-shadow:4px 4px  
4px 4px #19FF73; box-shadow:4px 4px 4px  
4px #19FF73 }
```

# Background

The CSS property to change the background color of an element to Hex 19FF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19FF73 }
```

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

```
.background{ background-color:#19FF73 }
```

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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