

# Converting Colors

Hex(19F695)

Have a look what the booklet for  
Hex(19F695) contains.

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# Color

Hex(19F695)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 19F695                        |
| RGB         | 25, 246, 149                  |
| RGB Percent | 10%, 96%, 58%                 |
| CMY         | 0.9020, 0.0353, 0.4157        |
| CMYK        | 0.90, 0.00, 0.39, 0.04        |
| HSL         | 154°, 92%, 53%                |
| HSV         | 154°, 90%, 96%                |
| XYZ         | 38.7815, 68.2881, 39.5707     |
| YIQ         | 168.8630, -100.5790, -77.0190 |

# Conversions

## Conversions Part 2

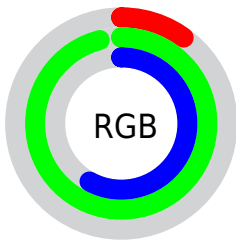
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 25, 167, 246                    |
| Decimal                             | 1701525                         |
| CIE <sub>Lab</sub>                  | 86.15, -69.45, 33.40            |
| CIE <sub>LCh</sub>                  | 86, 77.065, 154.320             |
| Yxy                                 | 68.2881, 0.2645,<br>0.4657      |
| Android<br>(android.graphics.Color) | 4279891605<br>(0xFF19F695)      |
| YUV                                 | 168.8630, -9.7925,<br>-126.1679 |
| Hunter-Lab                          | 82.6366, -60.8438,<br>29.4545   |

# Details

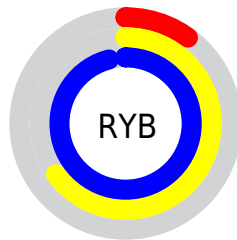
The Hex color **19F695** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F6197A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **76FFCC**, and **00BC61** is the 20% darker color. If you saturate the color by 10%, you get **00F68A**, and if you desaturate by 10%, it is **32F6A0**.

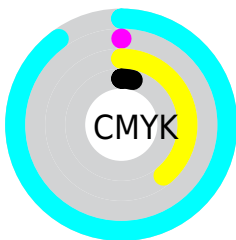
# Distribution



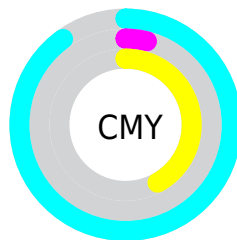
- Red (10%)
- Green (96%)
- Blue (58%)



- Red (10%)
- Yellow (65%)
- Blue (96%)



- Cyan (90%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (90%)
- Magenta (4%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19F695 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 19F695 by changing the saturation by 10% instead.



 19F695

 19F695

FFFFFF

 00D97B

 76FFCC

 00BC61

 97FFE8

 00A048

 B8FFFF

 008530

 D8FFFF

 006A18

 F8FFFF

 005000

 003800

 001E00

 000000

 19F695

 19F695

 00F68A

 32F6A0

 4AF6AB

 63F6B5

 7BF6C0

 94F6CB

 ADF6D6

 C5F6E1

 DEF6EB

 F6F6F6

# Harmonies

## Analogous

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



A8EB55



19F695



00FBEO

# Triad

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



19F695



38DCFF



FFA089

# Complementary

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



19F695



F6197A

# 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.



FF93D0



19F695



E8C0FF

# Square

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



19F695



00F0FF



FFA1FF



FFBC50

# Rectangle

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



19F695



00FAFF



FFA1FF



FF99A0

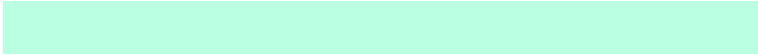


# Sweetspot

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



19F695



BAFFE1



7CF619



57806E



000000



808080



# Same Dimension

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



19F695



00FF8F



19EBF6



6E7A75



00BA68



003B21



# Inverse Universe

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



F6197A



FF0070



F62419



7A6E74



BA0052

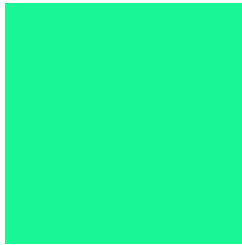


3B001A



# Previews

## White Background



This preview shows how the Hex color 19F695 looks on a white background.

## Color Contrast Check

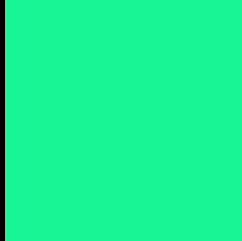
Large Text (above 18pt) WCAG AA × Fail

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 19F695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

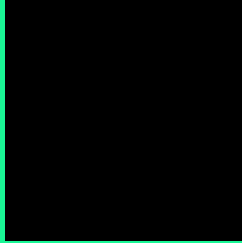
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

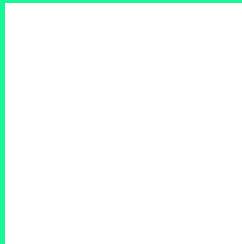
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 19F695 Background



This preview shows how black text looks on a background with the Hex color 19F695.

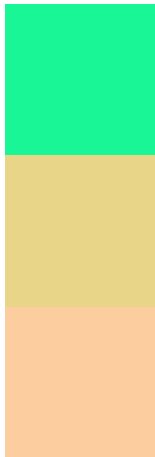


This preview shows how white text looks on a background with the Hex color 19F695.

# 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**  
19F695

**Protanopia**  
E8D588

**Deuteranopia**  
FCCD9F



**Tritanopia**  
5BEAFD

# Trichromacy



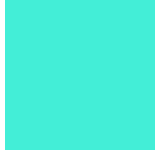
**Original Color**  
19F695



**Protanomaly**  
9DE18D



**Deuteranomaly**  
A9DC9B



**Tritanomaly**  
43EED7

# Monochromacy



**Original Color**  
19F695



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
75C5A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19F695 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 #19F695 looks like.

```
.text, #text, p{  
  color:#19F695  
}
```

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 #19F695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19F695
}
```

## Border

The CSS property to change the border of an element to Hex 19F695 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
#19F695 }
```

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

```
.border{ border-color:#19F695 }
```

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

Here you see how a box with a 4 pixel #19F695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19F695; -webkit-box-shadow:4px 4px  
4px 4px #19F695; box-shadow:4px 4px 4px  
4px #19F695 }
```

# Background

The CSS property to change the background color of an element to Hex 19F695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19F695 }
```

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

```
.background{ background-color:#19F695 }
```

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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