

Converting Colors

Hex(19F135)

Have a look what the booklet for
Hex(19F135) contains.

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Color

Hex(19F135)

Conversions

Conversions Part 1

Format	Color
Hex	19F135
RGB	25, 241, 53
RGB Percent	10%, 95%, 21%
CMY	0.9020, 0.0549, 0.7922
CMYK	0.90, 0.00, 0.78, 0.05
HSL	128°, 89%, 52%
HSV	128°, 90%, 95%
XYZ	32.4988, 63.3743, 13.8878
YIQ	154.9840, -68.3880, -104.2600

Conversions

Conversions Part 2

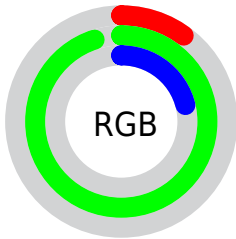
Format	Color
R_{YB}	25, 216, 241
Decimal	1700149
CIE _{Lab}	83.64, -79.84, 71.12
CIE _{LCh}	84, 106.924, 138.309
Yxy	63.3743, 0.2961, 0.5774
Android (android.graphics.Color)	4279890229 (0xFF19F135)
YUV	154.9840, -50.2781, -113.9960
Hunter-Lab	79.6080, -66.4439, 45.3823

Details

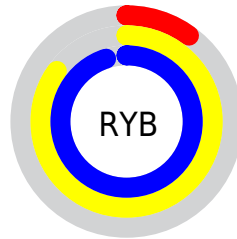
The Hex color **19F135** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F119D5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FF71**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **01F120**, and if you desaturate by 10%, it is **31F14A**.

Distribution



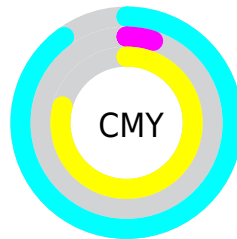
- Red (10%)
- Green (95%)
- Blue (21%)



- Red (10%)
- Yellow (85%)
- Blue (95%)



- Cyan (90%)
- Magenta (0%)
- Yellow (78%)
- Black (5%)



- Cyan (90%)
- Magenta (5%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19F135 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 19F135 by changing the saturation by 10% instead.

 19F135

 19F135

FFFFFF

 00D405

 77FF71

 00B700

 9AFF8E

 009B00

 BAFFAB

 007F00

 DBFFC8

 006500

 FBFFE5

 004B00

 003100

 001500

 000000

 19F135

 19F135

 01F120

 31F14A

 00F11F

 49F15F

 61F174

 79F189

 91F19E

 AAF1B3

 C2F1C8

 DAF1DD

 F2F1F2

Harmonies

Analogous

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



C1DE00



19F135



00FAA4

Triad

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



19F135



00E8FF



FF5998

Complementary

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



19F135



F119D5

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.



FF5CFC



19F135



53C7FF

Square

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



19F135



00F8FF



FF94FF



FF8E35

Rectangle

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



19F135



00FCEB



FF94FF



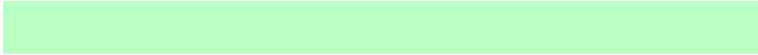
FF50B9

Sweetspot

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



19F135



BAFFC3



D8F119



57805C



000000



808080

Same Dimension

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



19F135



00FF21



19F19E



6C786D



00B818



003807

Inverse Universe

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



F119D5



FF00DE



F1196C



786C76



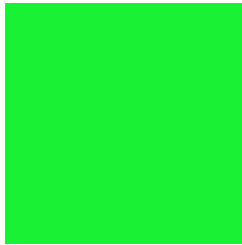
B800A0



380031

Previews

White Background



This preview shows how the Hex color 19F135 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 19F135 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 19F135 Background



This preview shows how black text looks on a background with the Hex color 19F135.

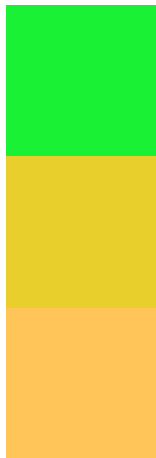


This preview shows how white text looks on a background with the Hex color 19F135.

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](#).

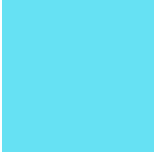
Dichromacy



Original Color
E8CF2C

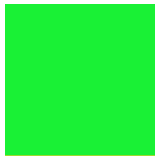
Protanopia
FFC558

Deuteranopia
FFC558



Tritanopia
66E1F3

Trichromacy



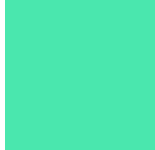
Original Color
19F135



Protanomaly
9DDB2F



Deuteranomaly
ABD54B



Tritanomaly
4AE7AE

Monochromacy



Original Color
19F135



Achromatopsia
9B9B9B



Achromatomaly
6CBA76

CSS Examples

Text

The CSS property to change the color of the text to Hex 19F135 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 #19F135 looks like.

```
.text, #text, p{  
    color:#19F135  
}
```

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 #19F135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19F135
}
```

Border

The CSS property to change the border of an element to Hex 19F135 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
#19F135 }
```

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

```
.border{ border-color:#19F135 }
```

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

Here you see how a box with a 4 pixel #19F135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19F135; -webkit-box-shadow:4px 4px  
4px 4px #19F135; box-shadow:4px 4px 4px  
4px #19F135 }
```

Background

The CSS property to change the background color of an element to Hex 19F135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19F135 }
```

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

```
.background{ background-color:#19F135 }
```

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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