

# Converting Colors

Hex(19E4FF)

Have a look what the booklet for  
Hex(19E4FF) contains.

|  |    |
|--|----|
| <b>Hex(19E4FF)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(19E4FF)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 19E4FF                        |
| RGB         | 25, 228, 255                  |
| RGB Percent | 10%, 89%, 100%                |
| CMY         | 0.9020, 0.1059, 0.0000        |
| CMYK        | 0.90, 0.11, 0.00, 0.00        |
| HSL         | 187°, 100%, 55%               |
| HSV         | 187°, 90%, 100%               |
| XYZ         | 46.1943, 62.9135, 104.3166    |
| YIQ         | 170.3810, -129.6550, -34.6390 |

# Conversions

## Conversions Part 2

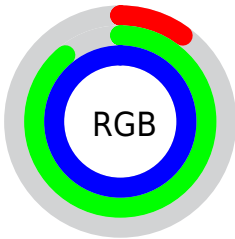
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 25, 133, 255                    |
| Decimal                             | 1697023                         |
| CIE Lab                             | 83.40, -35.32, -25.79           |
| CIE LCh                             | 83, 43.733, 216.137             |
| Yxy                                 | 62.9135, 0.2164,<br>0.2948      |
| Android<br>(android.graphics.Color) | 4279887103<br>(0xFF19E4FF)      |
| YUV                                 | 170.3810, 41.7172,<br>-127.4991 |
| Hunter-Lab                          | 79.3180, -34.8493,<br>-22.4537  |

# Details

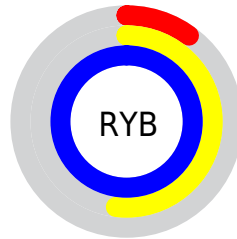
The Hex color **19E4FF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **FF3419**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7AFFFF**, and **00ACC6** is the 20% darker color. If you saturate the color by 10%, you get **00E1FF**, and if you desaturate by 10%, it is **32E7FF**.

# Distribution



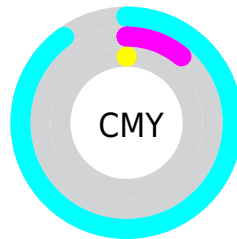
- Red (10%)
- Green (89%)
- Blue (100%)



- Red (10%)
- Yellow (52%)
- Blue (100%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19E4FF 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 19E4FF by changing the saturation by 10% instead.



 19E4FF

 19E4FF

FFFFFF

 00C8E2

 7AFFFF

 00ACC6

 9CFFFF

 0091AB

 BDFFFF

 007790

 DEFFFF

 005E77

FEFFFF

 00455E

 002E46

 001630

 00011B

 19E4FF

 19E4FF

 00E1FF

 32E7FF

 4CEAFF

 65EDFF

 7FF0FF

 98F3FF

 B2F6FF

 CBF9FF

 E5FCFF

FEFFFF

# Harmonies

## Analogous

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



4AE6D7



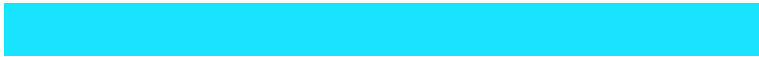
19E4FF



59DDFF

# Triad

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



19E4FF



FFB5F2



E3D07D

# Complementary

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



19E4FF



FF3419

# 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.



FFC285



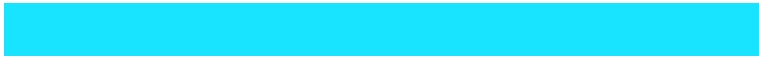
19E4FF



FFB0C9

# Square

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



19E4FF



E0C2FF



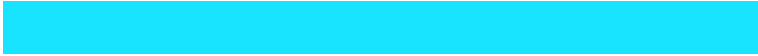
FFB5A1



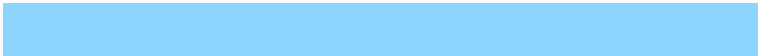
B6DC8C

# Rectangle

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



19E4FF



8BD5FF



FFB5A1

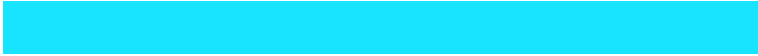


F0CB7D



# Sweetspot

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



19E4FF



BAF7FF



19FF34



577B80



000000



808080

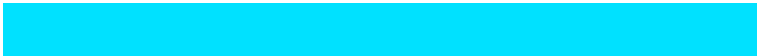


# Same Dimension

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



19E4FF



00E1FF



1971FF



737E80



00A9BF



003840



# Inverse Universe

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



FF19E4



FF00E1



FFA719



80737E



BF00A9

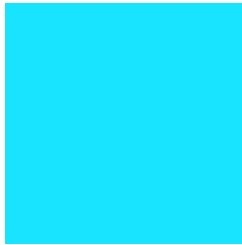


400038



# Previews

## White Background



This preview shows how the Hex color 19E4FF looks on a white background.

## Color Contrast Check

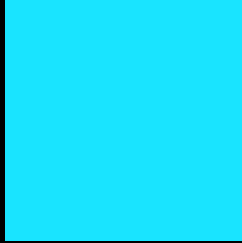
Large Text (above 18pt) WCAG AA × Fail

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 19E4FF 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 19E4FF Background



This preview shows how black text looks on a background with the Hex color 19E4FF.

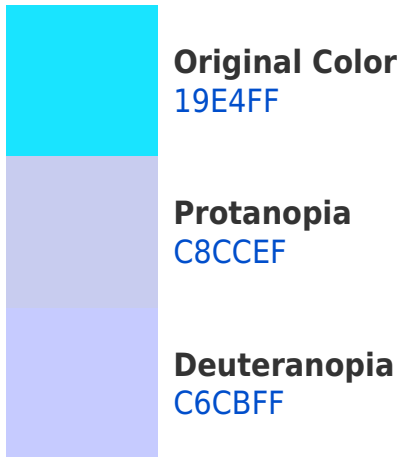


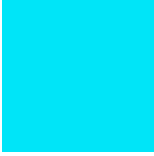
This preview shows how white text looks on a background with the Hex color 19E4FF.

# 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



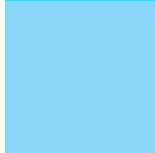


**Tritanopia**  
00E5F8

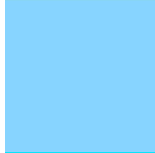
# Trichromacy



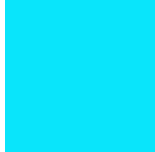
**Original Color**  
19E4FF



**Protanomaly**  
88D5F5



**Deuteranomaly**  
87D4FF

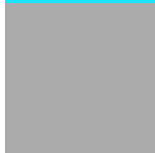


**Tritanomaly**  
09E5FB

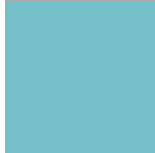
# Monochromacy



**Original Color**  
19E4FF



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
75BFC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19E4FF 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 #19E4FF looks like.

```
.text, #text, p{  
    color:#19E4FF  
}
```

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 #19E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19E4FF
}
```

## Border

The CSS property to change the border of an element to Hex 19E4FF 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
#19E4FF }
```

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

```
.border{ border-color:#19E4FF }
```

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

Here you see how a box with a 4 pixel #19E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19E4FF; -webkit-box-shadow:4px 4px  
4px 4px #19E4FF; box-shadow:4px 4px 4px  
4px #19E4FF }
```

# Background

The CSS property to change the background color of an element to Hex 19E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19E4FF }
```

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

```
.background{ background-color:#19E4FF }
```

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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