

Converting Colors

Hex(19CAFF)

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

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Color

Hex(19CAFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 19CAFF |
| RGB | 25, 202, 255 |
| RGB Percent | 10%, 79%, 100% |
| CMY | 0.9020, 0.2078, 0.0000 |
| CMYK | 0.90, 0.21, 0.00, 0.00 |
| HSL | 194°, 100%, 55% |
| HSV | 194°, 90%, 100% |
| XYZ | 39.5714, 49.6677, 102.1089 |
| YIQ | 155.1190, -122.5050, -21.0410 |

Conversions

Conversions Part 2

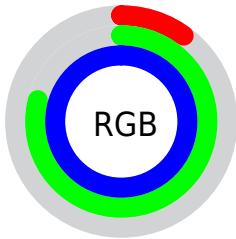
| Format | Color |
|-------------------------------------|---------------------------------|
| RYP | 25, 125, 255 |
| Decimal | 1690367 |
| CIELab | 75.86, -22.62, -37.38 |
| CIELCh | 76, 43.686, 238.820 |
| Yxy | 49.6677, 0.2068, 0.2596 |
| Android (android.graphics.Color) | 4279880447 (0xFF19CAFF) |
| YUV | 155.1190, 49.2413, -114.1144 |
| Hunter-Lab | 70.4753, -23.1053, -36.5702 |

Details

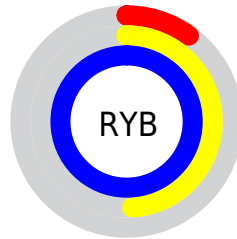
The Hex color **19CAFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4E19**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **77FFFF**, and **0094C6** is the 20% darker color. If you saturate the color by 10%, you get **00C4FF**, and if you desaturate by 10%, it is **32D0FF**.

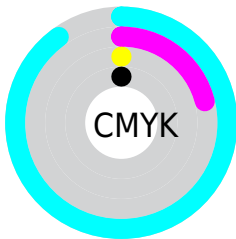
Distribution



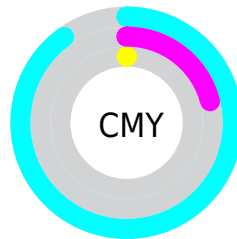
- Red (10%)
- Green (79%)
- Blue (100%)



- Red (10%)
- Yellow (49%)
- Blue (100%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 19CAFF

 19CAFF

FFFFFF

 00AFE2

 77FFFF

 0094C6

 99FFFF

 007AAB

 BAFFFF

 006190

 DAFFFF

 004976

 FAFFFF

 00325D

 001F45

 00042E

 000119

 19CAFF

 19CAFF

 00C4FF

 32D0FF

 4CD6FF

 65DCFF

 7FE2FF

 98E7FF

 B2EDFF

 CBF3FF

 E5F9FF

FEFFFF

Harmonies

Analogous

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



00CFE1



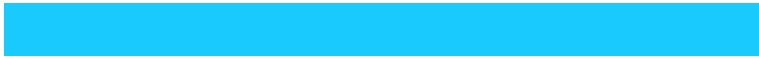
19CAFF



7ABFFF

Triad

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



19CAFF



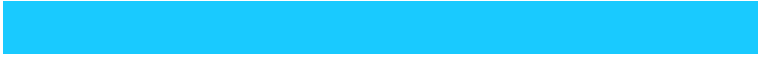
FF9BBE



ADC473

Complementary

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



19CAFF



FF4E19

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.



D6B869



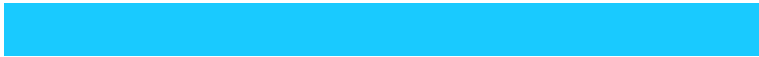
19CAFF



FF9E96

Square

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



19CAFF



ECA3E5



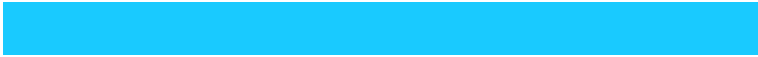
F6AA77



7CCC90

Rectangle

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



19CAFF



A9B6FF



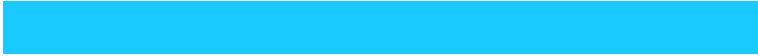
F6AA77



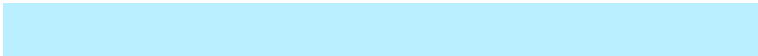
BCC16D

Sweetspot

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



19CAFF



BAEFFF



19FF4B



577680



000000



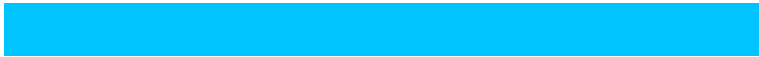
808080

Same Dimension

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



19CAFF



00C4FF



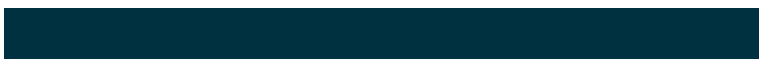
195AFF



737D80



0093BF



003140

Inverse Universe

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



FF19CA



FF00C4



FFBE19



80737D



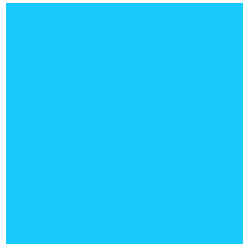
BF0093



400031

Previews

White Background



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

Color Contrast Check

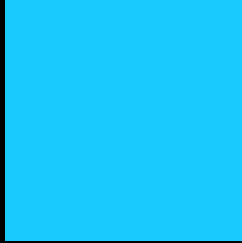
Large Text (above 18pt) WCAG AA × Fail

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 19CAFF 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 19CAFF Background



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

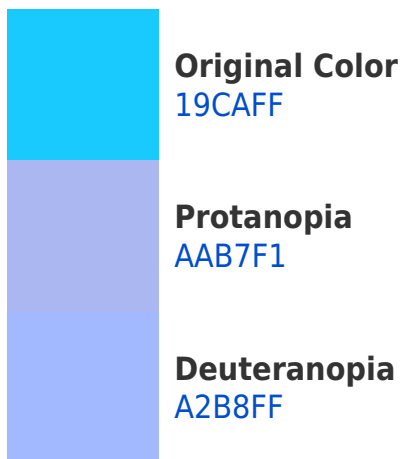


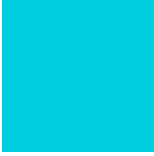
This preview shows how white text looks on a background with the Hex color 19CAFF.

Color Blindness Simulation

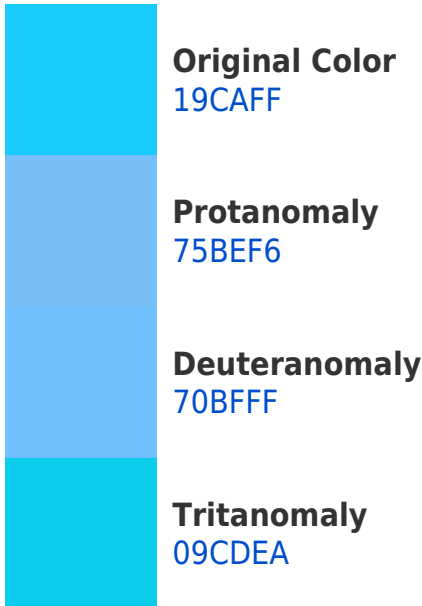
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

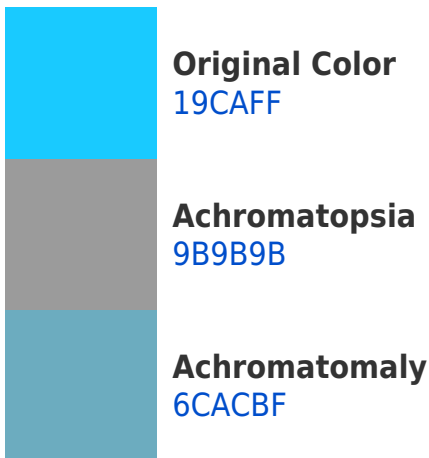




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #19CAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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