

# Converting Colors

Hex(19C5FF)

Have a look what the booklet for  
Hex(19C5FF) contains.

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# **Color**

**Hex(19C5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19C5FF
RGB	25, 197, 255
RGB Percent	10%, 77%, 100%
CMY	0.9020, 0.2275, 0.0000
CMYK	0.90, 0.23, 0.00, 0.00
HSL	195°, 100%, 55%
HSV	195°, 90%, 100%
XYZ	38.4172, 47.3592, 101.7242
YIQ	152.1840, -121.1300, -18.4260

# Conversions

## Conversions Part 2

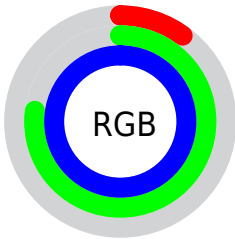
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 123, 255
Decimal	1689087
CIE Lab	74.42, -20.05, -39.62
CIE LCh	74, 44.407, 243.158
Yxy	47.3592, 0.2049, 0.2526
Android (android.graphics.Color)	4279879167 (0xFF19C5FF)
YUV	152.1840, 50.6883, -111.5404
Hunter-Lab	68.8180, -20.7852, -39.4676

# Details

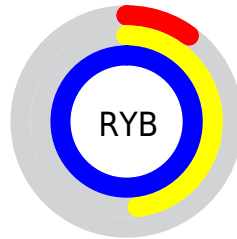
The Hex color **19C5FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5319**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **77FEFF**, and **008FC6** is the 20% darker color. If you saturate the color by 10%, you get **00BFFF**, and if you desaturate by 10%, it is **32CBFF**.

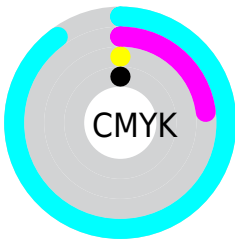
# Distribution



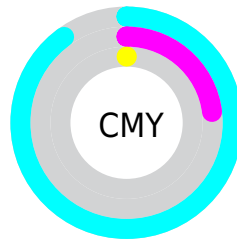
- Red (10%)
- Green (77%)
- Blue (100%)



- Red (10%)
- Yellow (48%)
- Blue (100%)



- Cyan (90%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19C5FF 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 19C5FF by changing the saturation by 10% instead.



 19C5FF


 19C5FF

FFFFFF

 00AAE2

 77FEFF

 008FC6

 99FFFF

 0076AB

 B9FFFF

 005D90

 D9FFFF

 004576

 F9FFFF

 002F5D

 001C45

 00042E

 000119

 19C5FF

 19C5FF

 00BFFF

 32CBFF

 4CD2FF

 65D8FF

 7FDFFF

 98E5FF

 B2ECFF

 CBF2FF

 E5F8FF

FEFFFF

# Harmonies

## Analogous

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



00CBE2



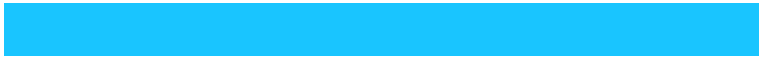
19C5FF



7FBAFF

# Triad

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



19C5FF



FF96B4



A2C271

# Complementary

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



19C5FF



FF5319

# 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.



CDB664



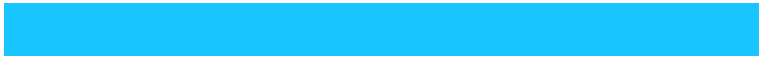
19C5FF



FF9B8C

# Square

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



19C5FF



EE9DDD



EFA86F



6FC991

# Rectangle

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



19C5FF



ADB0FF



EFA86F

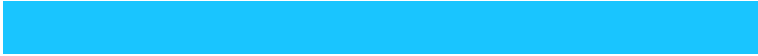


B1BE6A

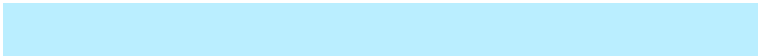


# Sweetspot

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



19C5FF



BAE EFF



19FF52



577580



000000



808080

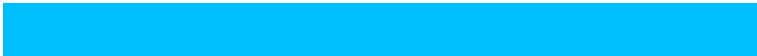


# Same Dimension

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



19C5FF



00BFFF



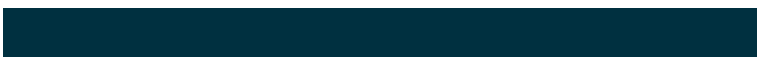
1952FF



737C80



008FBF



003040



# Inverse Universe

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



FF19C5



FF00BF



FFC619



80737C



BF008F

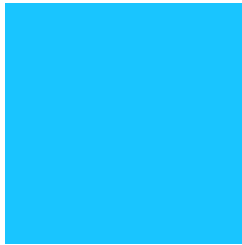


400030



# Previews

## White Background



This preview shows how the Hex color 19C5FF looks on a white background.

## Color Contrast Check

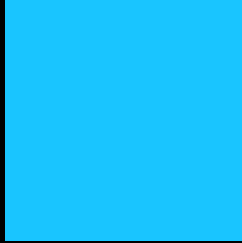
Large Text (above 18pt) WCAG AA × Fail

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 19C5FF 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 19C5FF Background



This preview shows how black text looks on a background with the Hex color 19C5FF.

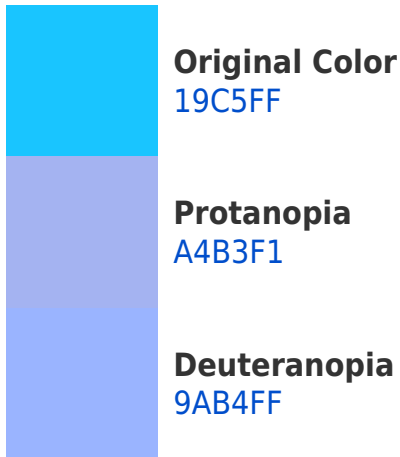


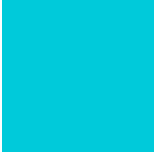
This preview shows how white text looks on a background with the Hex color 19C5FF.

# Color Blindness Simulation

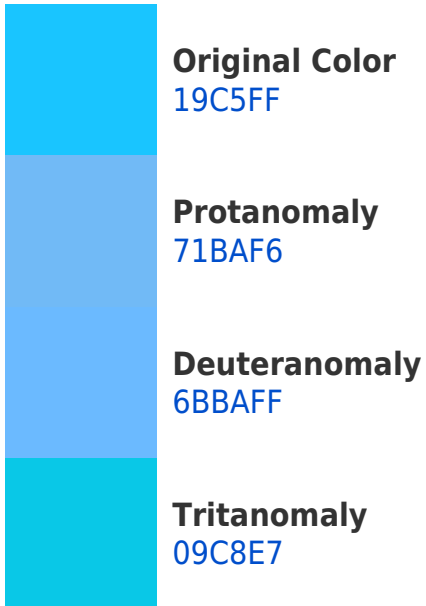
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

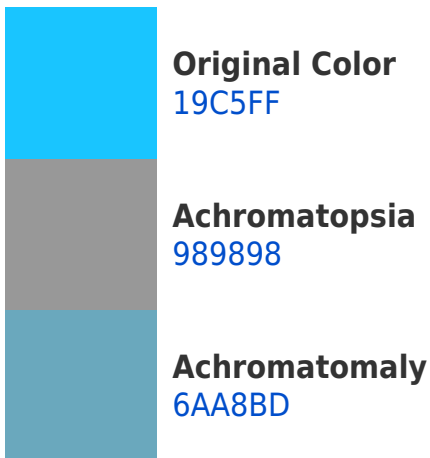




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19C5FF 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 #19C5FF looks like.

```
.text, #text, p{  
    color:#19C5FF  
}
```

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 #19C5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19C5FF
}
```

## Border

The CSS property to change the border of an element to Hex 19C5FF 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
#19C5FF }
```

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

```
.border{ border-color:#19C5FF }
```

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

Here you see how a box with a 4 pixel #19C5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19C5FF; -webkit-box-shadow:4px 4px  
4px 4px #19C5FF; box-shadow:4px 4px 4px  
4px #19C5FF }
```

# Background

The CSS property to change the background color of an element to Hex 19C5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19C5FF }
```

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

```
.background{ background-color:#19C5FF }
```

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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