

# Converting Colors

Hex(19C9F7)

Have a look what the booklet for  
Hex(19C9F7) contains.

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# Color

Hex(19C9F7)

# Conversions

## Conversions Part 1

Format	Color
Hex	19C9F7
RGB	25, 201, 247
RGB Percent	10%, 79%, 97%
CMY	0.9020, 0.2118, 0.0314
CMYK	0.90, 0.19, 0.00, 0.03
HSL	192°, 93%, 53%
HSV	192°, 90%, 97%
XYZ	38.0760, 48.6954, 95.3880
YIQ	153.6200, -119.6620, -23.0060

# Conversions

## Conversions Part 2

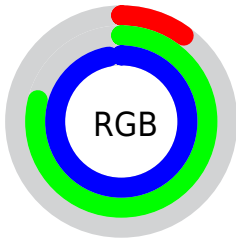
Format	Color
R <sub>YB</sub>	25, 123, 247
Decimal	1690103
CIE Lab	75.26, -24.78, -34.02
CIE LCh	75, 42.091, 233.933
Yxy	48.6954, 0.2090, 0.2673
Android (android.graphics.Color)	4279880183 (0xFF19C9F7)
YUV	153.6200, 46.0363, -112.7997
Hunter-Lab	69.7821, -24.7214, -32.1985

# Details

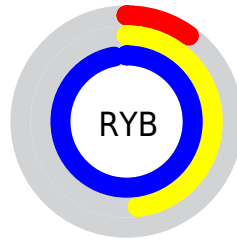
The Hex color **19C9F7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F74719**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **76FFFF**, and **0093BE** is the 20% darker color. If you saturate the color by 10%, you get **00C4F7**, and if you desaturate by 10%, it is **32CEF7**.

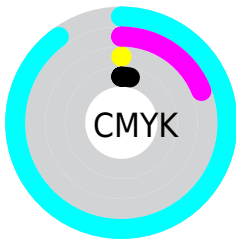
# Distribution



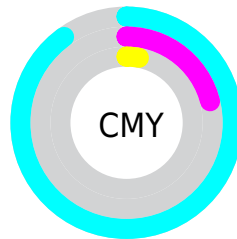
- Red (10%)
- Green (79%)
- Blue (97%)



- Red (10%)
- Yellow (48%)
- Blue (97%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (90%)
- Magenta (21%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19C9F7 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 19C9F7 by changing the saturation by 10% instead.



19C9F7

19C9F7

FFFFFF

00AEDA

76FFFF

0093BE

97FFFF

0079A3

B8FFFF

006089

D8FFFF

00486F

F7FFFF

003157

001E3F

000329

000113

 19C9F7

 19C9F7

 00C4F7

 32CEF7

 4AD3F7

 63D8F7

 7CDDF7

 94E3F7

 ADE8F7

 C6EDF7

 DFF2F7

 F7F7F7

# Harmonies

## Analogous

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



00CED7



19C9F7



71C0FF

# Triad

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



19C9F7



FE9BC3



B3C171

# Complementary

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



19C9F7



F74719

# 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.



DAB46C



19C9F7



FF9D9C

# Square

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



19C9F7



E3A4E7



F6A77C



86C98A

# Rectangle

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



19C9F7



9EB7FF



F6A77C



C1BD6D

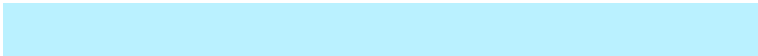


# Sweetspot

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



19C9F7



BAF1FF



19F745



577780



000000



808080

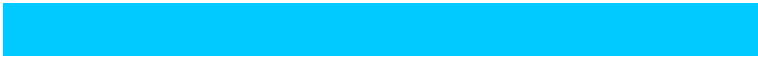


# Same Dimension

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



19C9F7



00CAFF



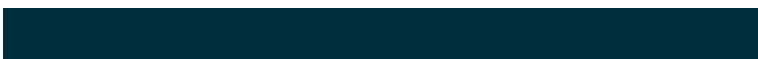
195CF7



6E787A



0094BA



002E3B



# Inverse Universe

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



F719C9



FF00CA



F7B419



7A6E78



BA0094

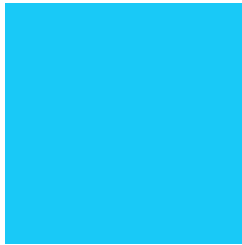


3B002E



# Previews

## White Background



This preview shows how the Hex color 19C9F7 looks on a white background.

## Color Contrast Check

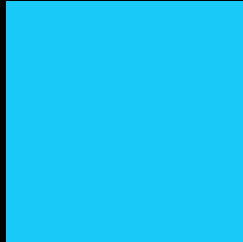
Large Text (above 18pt) WCAG AA × Fail

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 19C9F7 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 19C9F7 Background



This preview shows how black text looks on a background with the Hex color 19C9F7.

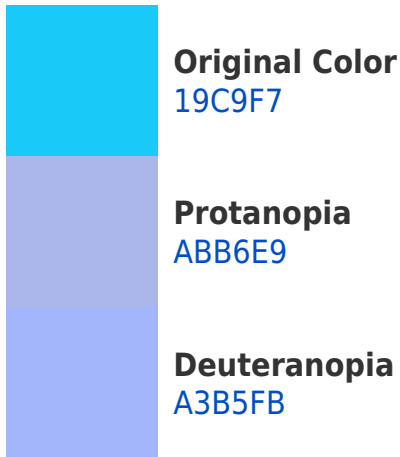


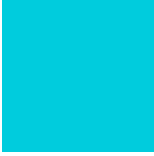
This preview shows how white text looks on a background with the Hex color 19C9F7.

# 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](#).

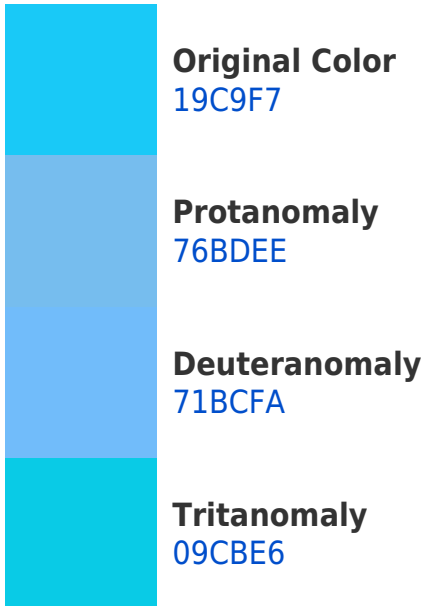
## Dichromacy



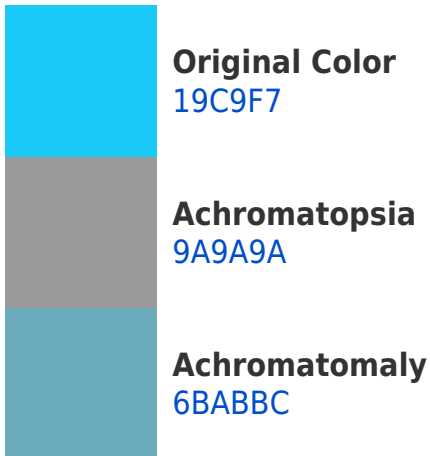


**Tritanopia**  
00CCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19C9F7 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 #19C9F7 looks like.

```
.text, #text, p{  
    color:#19C9F7  
}
```

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 #19C9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19C9F7
}
```

## Border

The CSS property to change the border of an element to Hex 19C9F7 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
#19C9F7 }
```

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

```
.border{ border-color:#19C9F7 }
```

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

Here you see how a box with a 4 pixel #19C9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19C9F7; -webkit-box-shadow:4px 4px  
4px 4px #19C9F7; box-shadow:4px 4px 4px  
4px #19C9F7 }
```

# Background

The CSS property to change the background color of an element to Hex 19C9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19C9F7 }
```

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

```
.background{ background-color:#19C9F7 }
```

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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