

# Converting Colors

Hex(19A1FF)

Have a look what the booklet for  
Hex(19A1FF) contains.

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# Color

Hex(19A1FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	19A1FF
RGB	25, 161, 255
RGB Percent	10%, 63%, 100%
CMY	0.9020, 0.3686, 0.0000
CMYK	0.90, 0.37, 0.00, 0.00
HSL	205°, 100%, 55%
HSV	205°, 90%, 100%
XYZ	31.1958, 32.9164, 99.3171
YIQ	131.0520, -111.2300, 0.4020

# Conversions

## Conversions Part 2

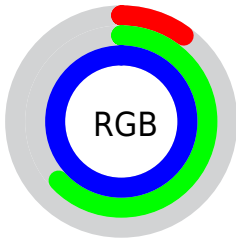
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 110, 255
Decimal	1679871
CIE Lab	64.09, -0.33, -55.87
CIE LCh	64, 55.872, 269.659
Yxy	32.9164, 0.1909, 0.2014
Android (android.graphics.Color)	4279869951 (0xFF19A1FF)
YUV	131.0520, 61.1064, -93.0076
Hunter-Lab	57.3728, -3.3453, -62.4749

# Details

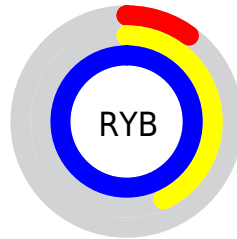
The Hex color **19A1FF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FF7719**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **75D7FF**, and **006EC6** is the 20% darker color. If you saturate the color by 10%, you get **0097FF**, and if you desaturate by 10%, it is **32ABFF**.

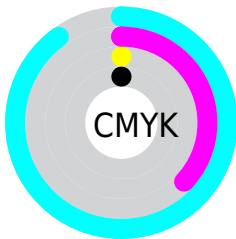
# Distribution



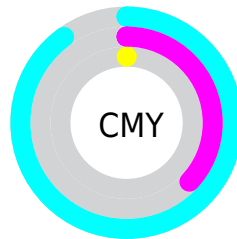
- Red (10%)
- Green (63%)
- Blue (100%)



- Red (10%)
- Yellow (43%)
- Blue (100%)



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19A1FF 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 19A1FF by changing the saturation by 10% instead.



 19A1FF

 19A1FF

FFFFFF

 0087E2

 75D7FF

 006EC6

 96F4FF

 0056AA

 B7FFFF

 00408F

 D7FFFF

 002B75

 F6FFFF

 00175C

 000743

 00032C

 000116

■ 19A1FF

■ 19A1FF

■ 0097FF

■ 32ABFF

■ 4CB6FF

■ 65C0FF

■ 7FCBFF

■ 98D5FF

■ B2E0FF

■ CBEAFF

■ E5F4FF

FEFFFF

# Harmonies

## Analogous

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



00ADF1



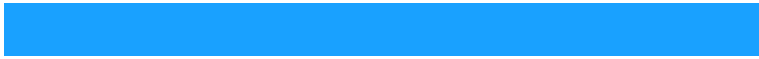
19A1FF



9C8EF2

# Triad

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



19A1FF



F4746D



3FB067

# Complementary

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



19A1FF



FF7719

# 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.



85A73F



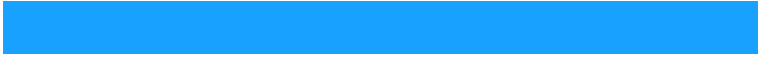
19A1FF



DE8645

# Square

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



19A1FF



F46E9E



B79931



00B499

# Rectangle

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



19A1FF



C780DC



B79931



5BAD58

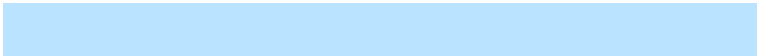


# Sweetspot

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



19A1FF



BAE3FF



19FF75



576F80



000000



808080



# Same Dimension

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



19A1FF



0097FF



1930FF



737A80



0071BF



002640



# Inverse Universe

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



FF19A1



FF0097



FFE819



80737A



BF0071



400026



# Previews

## White Background



This preview shows how the Hex color 19A1FF looks on a white background.

## Color Contrast Check

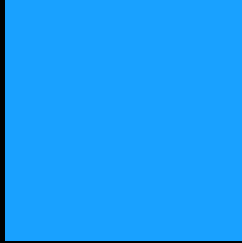
Large Text (above 18pt) WCAG AA × Fail

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 19A1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

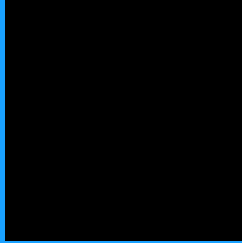
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

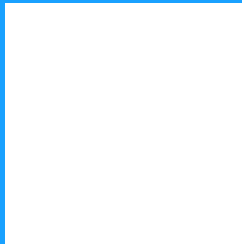
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 19A1FF Background



This preview shows how black text looks on a background with the Hex color 19A1FF.



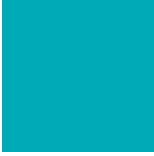
This preview shows how white text looks on a background with the Hex color 19A1FF.

# 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](#).

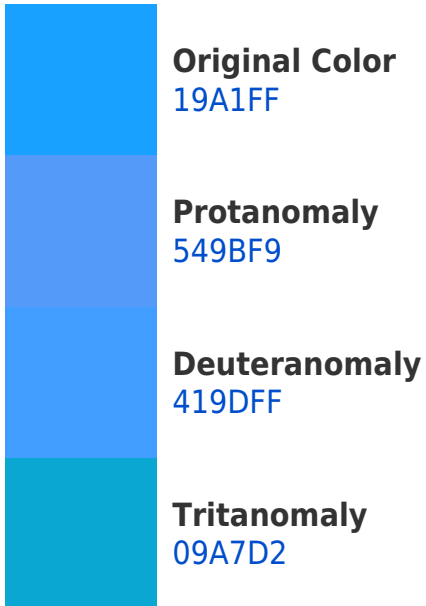
## Dichromacy



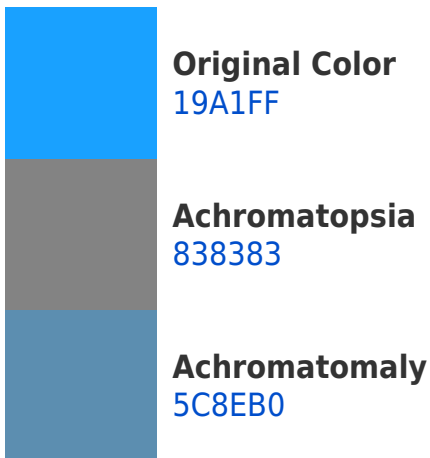


**Tritanopia**  
00ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19A1FF 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 #19A1FF looks like.

```
.text, #text, p{  
    color:#19A1FF  
}
```

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 #19A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A1FF
}
```

## Border

The CSS property to change the border of an element to Hex 19A1FF 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
#19A1FF }
```

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

```
.border{ border-color:#19A1FF }
```

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

Here you see how a box with a 4 pixel #19A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A1FF; -webkit-box-shadow:4px 4px  
4px 4px #19A1FF; box-shadow:4px 4px 4px  
4px #19A1FF }
```

# Background

The CSS property to change the background color of an element to Hex 19A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A1FF }
```

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

```
.background{ background-color:#19A1FF }
```

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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