

# Converting Colors

Hex(179AFF)

Have a look what the booklet for  
Hex(179AFF) contains.

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# **Color**

**Hex(179AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	179AFF
RGB	23, 154, 255
RGB Percent	9%, 60%, 100%
CMY	0.9098, 0.3961, 0.0000
CMYK	0.91, 0.40, 0.00, 0.00
HSL	206°, 100%, 55%
HSV	206°, 91%, 100%
XYZ	29.9590, 30.5134, 98.9184
YIQ	126.3450, -110.4970, 3.6390

# Conversions

## Conversions Part 2

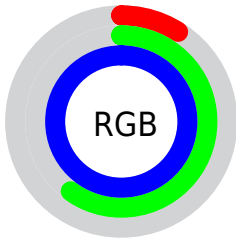
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 107, 255
Decimal	1547007
CIE Lab	62.09, 3.66, -59.06
CIE LCh	62, 59.170, 273.548
Yxy	30.5134, 0.1880, 0.1914
Android (android.graphics.Color)	4279737087 (0xFF179AFF)
YUV	126.3450, 63.4269, -90.6336
Hunter-Lab	55.2389, 0.1418, -67.5056

# Details

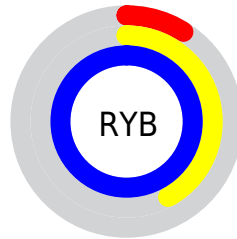
The Hex color **179AFF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FF7C17**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **74D0FF**, and **0068C6** is the 20% darker color. If you saturate the color by 10%, you get **0090FF**, and if you desaturate by 10%, it is **31A5FF**.

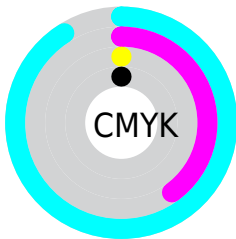
# Distribution



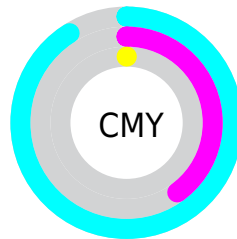
- Red (9%)
- Green (60%)
- Blue (100%)



- Red (9%)
- Yellow (42%)
- Blue (100%)



- Cyan (91%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 179AFF 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 179AFF by changing the saturation by 10% instead.



 179AFF

 179AFF

FFFFFF

 0080E2

 74D0FF

 0068C6

 96ECFF

 0050AA

 B6FFFF

 003A8F

 D6FFFF

 002675

 F6FFFF

 00115B


 000743

 00032C

 000116

 179AFF

 179AFF

 0090FF

 31A5FF

 4AB0FF

 63BBFF

 7DC6FF

 96D2FF

 B0DDFF

 CAE8FF

 E3F3FF

 FCFEFF

# Harmonies

## Analogous

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



00A8F4



179AFF



A085EE

# Triad

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



179AFF



F06E5F



14AC65

# Complementary

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



179AFF



FF7C17

# 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.



76A438



179AFF



D68236

# Square

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



179AFF



F46492



AC9621



00AF9B

# Rectangle

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



179AFF



CB76D5



AC9621



45AA54

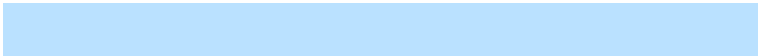


# Sweetspot

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



179AFF



BAE1FF



17FF7C



576E80



000000



808080



# Same Dimension

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



179AFF



0090FF



1726FF



737A80



006CBF



002440



# Inverse Universe

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



FF179A



FF0090



FFF017



80737A



BF006C



400024



# Previews

## White Background



This preview shows how the Hex color 179AFF looks on a white background.

## Color Contrast Check

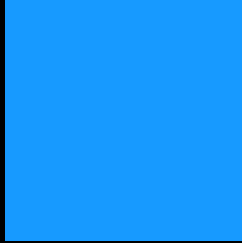
Large Text (above 18pt) WCAG AA × Fail

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 179AFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

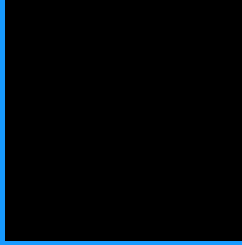
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

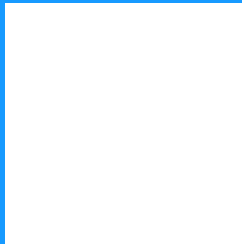
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 179AFF Background



This preview shows how black text looks on a background with the Hex color 179AFF.



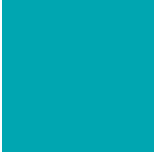
This preview shows how white text looks on a background with the Hex color 179AFF.

# 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](#).

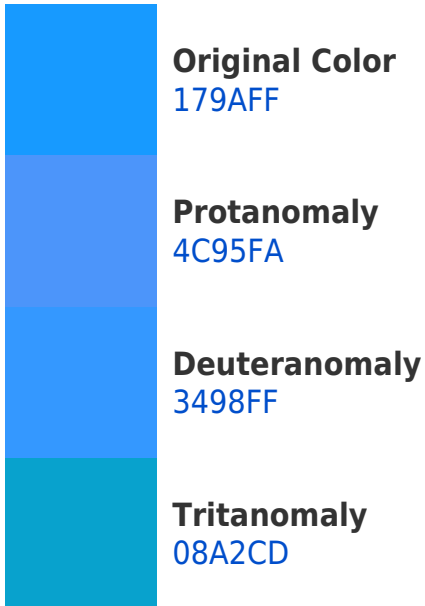
## Dichromacy



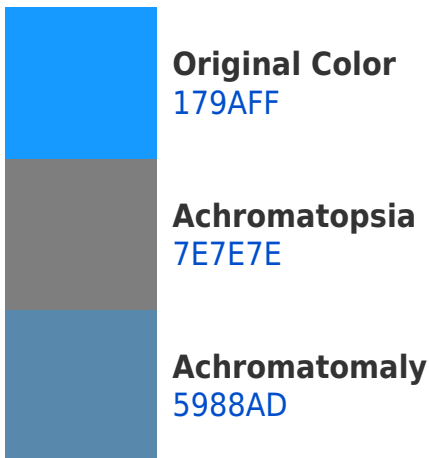


**Tritanopia**  
00A6B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 179AFF 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 #179AFF looks like.

```
.text, #text, p{  
    color:#179AFF  
}
```

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 #179AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #179AFF
}
```

## Border

The CSS property to change the border of an element to Hex 179AFF 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
#179AFF }
```

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

```
.border{ border-color:#179AFF }
```

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

Here you see how a box with a 4 pixel #179AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #179AFF; -webkit-box-shadow:4px 4px  
4px 4px #179AFF; box-shadow:4px 4px 4px  
4px #179AFF }
```

# Background

The CSS property to change the background color of an element to Hex 179AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#179AFF }
```

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

```
.background{ background-color:#179AFF }
```

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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