

# Converting Colors

Hex(19DEFF)

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

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# Color

**Hex(19DEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19DEFF
RGB	25, 222, 255
RGB Percent	10%, 87%, 100%
CMY	0.9020, 0.1294, 0.0000
CMYK	0.90, 0.13, 0.00, 0.00
HSL	189°, 100%, 55%
HSV	189°, 90%, 100%
XYZ	44.5722, 59.6692, 103.7759
YIQ	166.8590, -128.0050, -31.5010

# Conversions

## Conversions Part 2

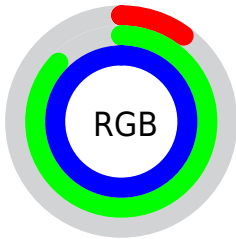
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 131, 255
Decimal	1695487
CIE Lab	81.66, -32.48, -28.45
CIE LCh	82, 43.177, 221.212
Yxy	59.6692, 0.2143, 0.2868
Android (android.graphics.Color)	4279885567 (0xFF19DEFF)
YUV	166.8590, 43.4535, -124.4103
Hunter-Lab	77.2459, -32.1827, -25.5810

# Details

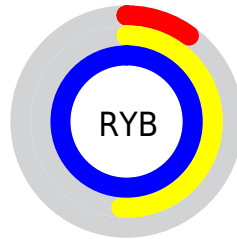
The Hex color **19DEFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF3A19**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **79FFFF**, and **00A6C6** is the 20% darker color. If you saturate the color by 10%, you get **00DAFF**, and if you desaturate by 10%, it is **32E2FF**.

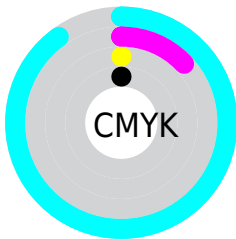
# Distribution



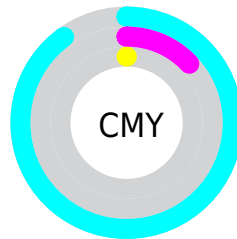
- Red (10%)
- Green (87%)
- Blue (100%)



- Red (10%)
- Yellow (51%)
- Blue (100%)



- Cyan (90%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 19DEFF

 19DEFF

FFFFFF

 00C2E2

 79FFFF

 00A6C6

 9BFFFF

 008CAB

 BCFFFF

 007290


 DDFFFF

 005976

 FDFFFF

 00415E

 002B46

 000F30

 00011A

 19DEFF

 19DEFF

 00DAFF

 32E2FF

 4CE5FF

 65E9FF

 7FEDFF

 98F0FF

 B2F4FF

 CBF8FF

 E5FBFF

FEFFFF

# Harmonies

## Analogous

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



3CE1D9



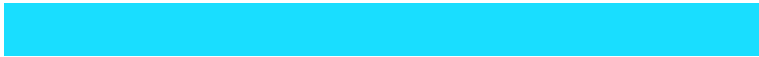
19DEFF



62D6FF

# Triad

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



19DEFF



FFAFE6



D7CD7A

# Complementary

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



19DEFF



FF3A19

# 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.



FBC07F



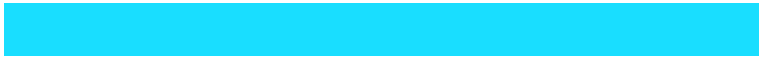
19DEFF



FFABBD

# Square

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



19DEFF



E3BBFF



FFB298



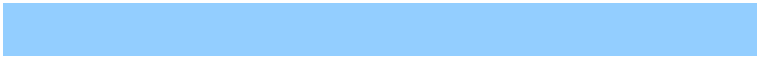
AAD88D

# Rectangle

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



19DEFF



93CEFF



FFB298

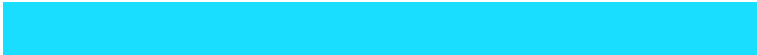


E4C979

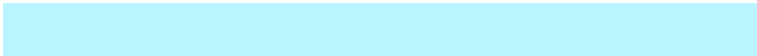


# Sweetspot

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



19DEFF



BAF5FF



19FF38



577A80



000000



808080

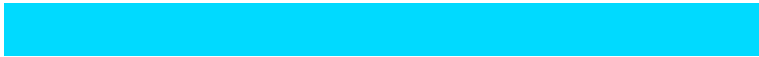


# Same Dimension

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



19DEFF



00DAFF



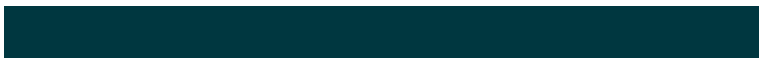
196DFF



737E80



00A4BF



003740



# Inverse Universe

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



FF19DE



FF00DA



FFAB19



80737E



BF00A4

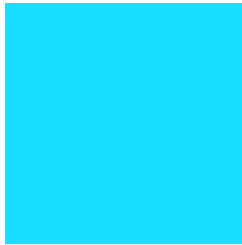


400037



# Previews

## White Background



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

## Color Contrast Check

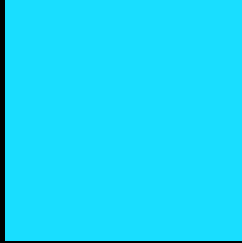
Large Text (above 18pt) WCAG AA × Fail

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 19DEFF 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 19DEFF Background



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

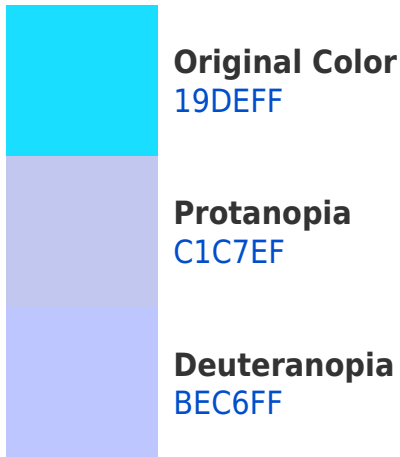


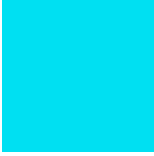
This preview shows how white text looks on a background with the Hex color 19DEFF.

# 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



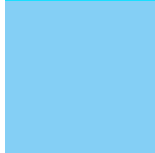


**Tritanopia**  
00E0F2

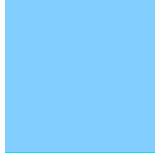
# Trichromacy



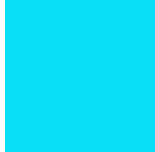
**Original Color**  
19DEFF



**Protanomaly**  
84CFF5



**Deuteranomaly**  
82CFFF

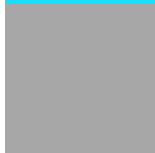


**Tritanomaly**  
09DFF7

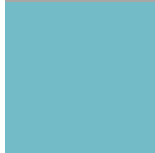
# Monochromacy



**Original Color**  
19DEFF



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
73BBC7

# CSS Examples

## Text

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

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

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 #19DEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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