

# Converting Colors

Hex(19DDF7)

Have a look what the booklet for  
Hex(19DDF7) contains.

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# **Color**

**Hex(19DDF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19DDF7
RGB	25, 221, 247
RGB Percent	10%, 87%, 97%
CMY	0.9020, 0.1333, 0.0314
CMYK	0.90, 0.11, 0.00, 0.03
HSL	187°, 93%, 53%
HSV	187°, 90%, 97%
XYZ	43.0459, 58.6350, 97.0446
YIQ	165.3600, -125.1620, -33.4660

# Conversions

## Conversions Part 2

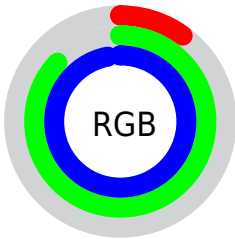
Format	Color
<a href="#">RYB</a>	<a href="#">25, 129, 247</a>
Decimal	<a href="#">1695223</a>
CIELab	<a href="#">81.09, -34.52, -25.07</a>
CIELCh	<a href="#">81, 42.666, 215.993</a>
Yxy	<a href="#">58.6350, 0.2166, 0.2951</a>
Android (android.graphics.Color)	<a href="#">4279885303 (0xFF19DDF7)</a>
YUV	<a href="#">165.3600, 40.2485, -123.0957</a>
Hunter-Lab	<a href="#">76.5735, -33.6596, -21.5391</a>

# Details

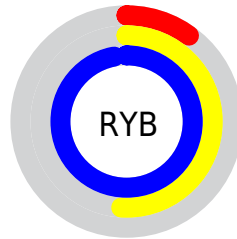
The Hex color **19DDF7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F73319**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **78FFFF**, and **00A5BF** is the 20% darker color. If you saturate the color by 10%, you get **00DAF7**, and if you desaturate by 10%, it is **32E0F7**.

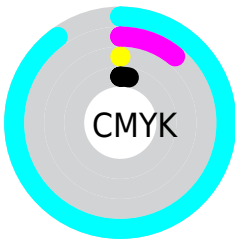
# Distribution



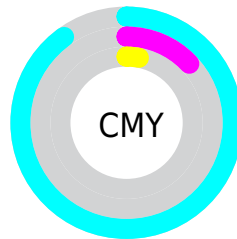
- Red (10%)
- Green (87%)
- Blue (97%)



- Red (10%)
- Yellow (51%)
- Blue (97%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (90%)
- Magenta (13%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19DDF7 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 19DDF7 by changing the saturation by 10% instead.



 19DDF7

 19DDF7

FFFFFF

 00C1DA

 78FFFF

 00A5BF

 9AFFFF

 008BA3

 BBFFFF

 007189

 DBFFFF

 005870

 FBFFFF

 004057

 002A40

 000A2A

 000114

■ 19DDF7

■ 19DDF7

■ 00DAF7

■ 32E0F7

■ 4AE3F7

■ 63E6F7

■ 7CE9F7

■ 94EBF7

■ ADEEF7

■ C6F1F7

■ DFF4F7

■ F7F7F7

# Harmonies

## Analogous

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



48DFD0



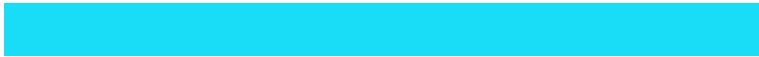
19DDF7



56D6FF

# Triad

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



19DDF7



FFAFEB



DCCA79

# Complementary

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



19DDF7



F73319

# 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.



FEBC81



19DDF7



FFAAC3

# Square

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



19DDF7



D9BCFF



FFAF9C



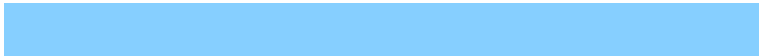
B1D587

# Rectangle

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



19DDF7



86CFFF



FFAF9C

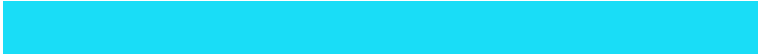


E9C579



# Sweetspot

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



19DDF7



BAF7FF



19F733



577B80



000000



808080

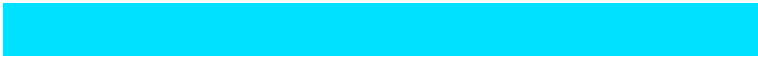


# Same Dimension

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



19DDF7



00E1FF



196EF7



6E797A



00A4BA



00343B



# Inverse Universe

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



F719DD



FF00E1



F7A219



7A6E79



BA00A4

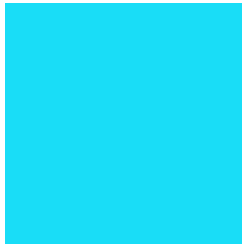


3B0034



# Previews

## White Background



This preview shows how the Hex color 19DDF7 looks on a white background.

## Color Contrast Check

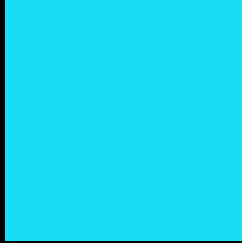
Large Text (above 18pt) WCAG AA × Fail

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 19DDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

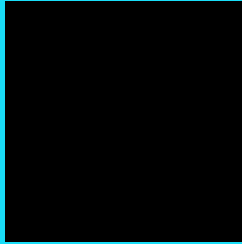
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19DDF7 Background



This preview shows how black text looks on a background with the Hex color 19DDF7.

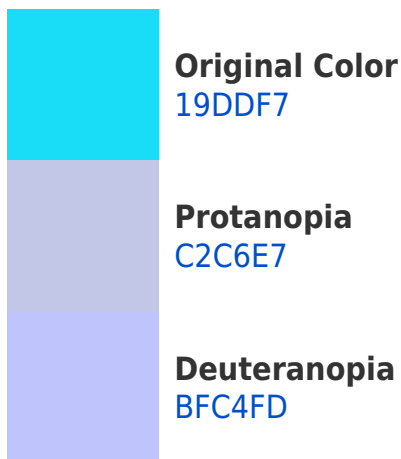


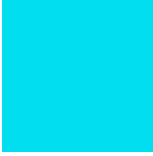
This preview shows how white text looks on a background with the Hex color 19DDF7.

# 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**  
00DEF0

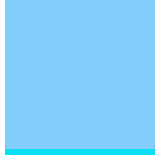
# Trichromacy



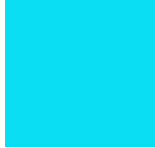
**Original Color**  
19DDF7



**Protanomaly**  
85CEED



**Deuteranomaly**  
83CDFB



**Tritanomaly**  
09DEF3

# Monochromacy



**Original Color**  
19DDF7



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
72B9C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19DDF7 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 #19DDF7 looks like.

```
.text, #text, p{  
    color:#19DDF7  
}
```

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 #19DDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19DDF7
}
```

## Border

The CSS property to change the border of an element to Hex 19DDF7 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
#19DDF7 }
```

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

```
.border{ border-color:#19DDF7 }
```

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

Here you see how a box with a 4 pixel #19DDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19DDF7; -webkit-box-shadow:4px 4px  
4px 4px #19DDF7; box-shadow:4px 4px 4px  
4px #19DDF7 }
```

# Background

The CSS property to change the background color of an element to Hex 19DDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19DDF7 }
```

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

```
.background{ background-color:#19DDF7 }
```

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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