

Converting Colors

Hex(19ECF0)

Have a look what the booklet for
Hex(19ECF0) contains.

Hex(19ECF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(19ECF0)

Conversions

Conversions Part 1

Format	Color
Hex	19ECF0
RGB	25, 236, 240
RGB Percent	10%, 93%, 94%
CMY	0.9020, 0.0745, 0.0588
CMYK	0.90, 0.02, 0.00, 0.06
HSL	181°, 88%, 52%
HSV	181°, 90%, 94%
XYZ	46.1245, 66.4888, 92.8407
YIQ	173.3670, -127.0400, -43.4880

Conversions

Conversions Part 2

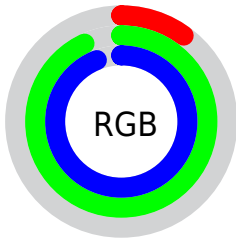
Format	Color
R _Y B	25, 131, 240
Decimal	1699056
CIE Lab	85.25, -43.48, -15.09
CIE LCh	85, 46.028, 199.139
Yxy	66.4888, 0.2245, 0.3236
Android (android.graphics.Color)	4279889136 (0xFF19ECF0)
YUV	173.3670, 32.8501, -130.1179
Hunter-Lab	81.5407, -41.7254, -10.4280

Details

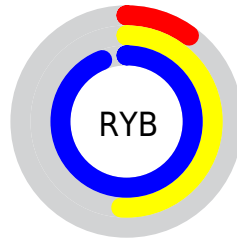
The Hex color **19ECF0** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F01D19**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **79FFFF**, and **00B3B8** is the 20% darker color. If you saturate the color by 10%, you get **01ECF0**, and if you desaturate by 10%, it is **31ECF0**.

Distribution



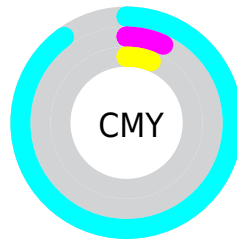
- Red (10%)
- Green (93%)
- Blue (94%)



- Red (10%)
- Yellow (51%)
- Blue (94%)



- Cyan (90%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (90%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19ECF0 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 19ECF0 by changing the saturation by 10% instead.

 19ECF0

 19ECF0

FFFFFF

 00CFD4

 79FFFF

 00B3B8

 9BFFFF

 00989D

 BCFFFF

 007E83

 DCFFFF

 00646A

 FCFFFF

 004B52

 00333B

 001C25

 000110

 19ECF0

 19ECF0

 01ECF0

 31ECF0

 00ECF0

 49EDF0

 61EDF0

 79EEF0

 91EEF0

 A9EFF0

 C1EFF0

 D9F0F0

 F1F0F0

Harmonies

Analogous

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



6AEBC3



19ECF0



15E8FF

Triad

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



19ECF0



FCC0FF



FFCD7F

Complementary

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



19ECF0



F01D19

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.



FFBE95



19ECF0



FFB4E7

Square

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



19ECF0



C2D0FF



FFB4BB



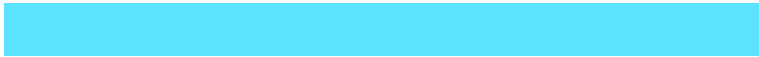
D5DB81

Rectangle

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



19ECF0



5BE2FF



FFB4BB



FFC884

Sweetspot

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



19ECF0



BAFEFF



19F01D



577F80



000000



808080

Same Dimension

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



19ECF0



00FAFF



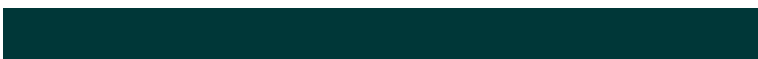
1981F0



6C7878



00B4B8



003738

Inverse Universe

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



F019EC



FF00FA



F08819



786C78



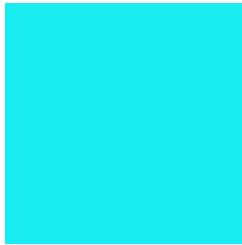
B800B4



380037

Previews

White Background



This preview shows how the Hex color 19ECF0 looks on a white background.

Color Contrast Check

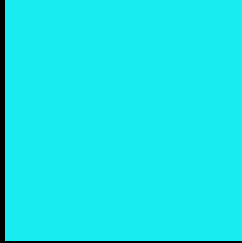
Large Text (above 18pt) WCAG AA × Fail

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 19ECF0 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 19ECF0 Background



This preview shows how black text looks on a background with the Hex color 19ECF0.

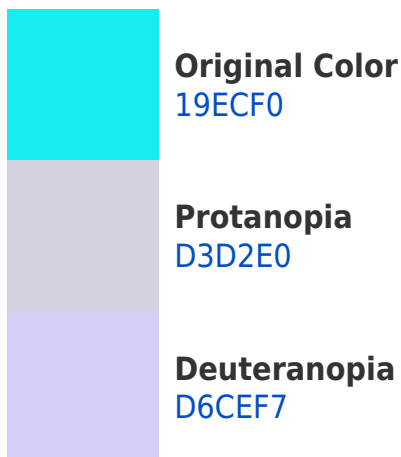


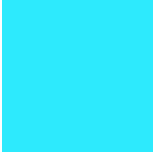
This preview shows how white text looks on a background with the Hex color 19ECF0.

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](#).

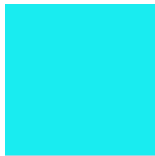
Dichromacy





Tritanopia
2DEAFD

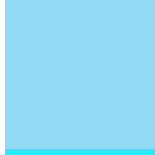
Trichromacy



Original Color
19ECF0



Protanomaly
8FD8E6



Deuteranomaly
91D9F4

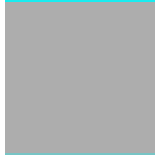


Tritanomaly
26EBF8

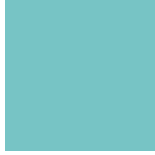
Monochromacy



Original Color
19ECF0



Achromatopsia
ADADAD



Achromatomaly
77C4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 19ECF0 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 #19ECF0 looks like.

```
.text, #text, p{  
    color:#19ECF0  
}
```

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 #19ECF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19ECF0
}
```

Border

The CSS property to change the border of an element to Hex 19ECF0 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
#19ECF0 }
```

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

```
.border{ border-color:#19ECF0 }
```

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

Here you see how a box with a 4 pixel #19ECF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19ECF0; -webkit-box-shadow:4px 4px  
4px 4px #19ECF0; box-shadow:4px 4px 4px  
4px #19ECF0 }
```

Background

The CSS property to change the background color of an element to Hex 19ECF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19ECF0 }
```

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

```
.background{ background-color:#19ECF0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor