

# Converting Colors

Hex(19FFE1)

Have a look what the booklet for  
Hex(19FFE1) contains.

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# Color

**Hex(19FFE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19FFE1
RGB	25, 255, 225
RGB Percent	10%, 100%, 88%
CMY	0.9020, 0.0000, 0.1176
CMYK	0.90, 0.00, 0.12, 0.00
HSL	172°, 100%, 55%
HSV	172°, 90%, 100%
XYZ	49.7515, 77.1629, 83.5059
YIQ	182.8100, -127.4500, -58.0900

# Conversions

## Conversions Part 2

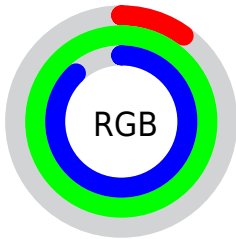
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 148, 255
Decimal	1703905
CIE Lab	90.40, -55.65, 0.37
CIE LCh	90, 55.650, 179.616
Yxy	77.1629, 0.2364, 0.3667
Android (android.graphics.Color)	4279893985 (0xFF19FFE1)
YUV	182.8100, 20.7997, -138.3994
Hunter-Lab	87.8424, -52.6268, 5.1267

# Details

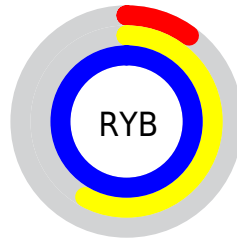
The Hex color **19FFE1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF1937**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **7BFFFF**, and **00C5AA** is the 20% darker color. If you saturate the color by 10%, you get **00FFDE**, and if you desaturate by 10%, it is **32FFE4**.

# Distribution



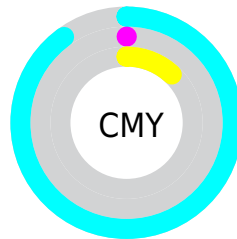
- Red (10%)
- Green (100%)
- Blue (88%)



- Red (10%)
- Yellow (58%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19FFE1 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 19FFE1 by changing the saturation by 10% instead.



 19FFE1

 19FFE1

FFFFFF

 00E2C5

 7BFFFF

 00C5AA

 9DFFFF

 00A98F

 BEFFFF

 008E76

 DFFFFF

 00735D

 005946

 004030

 00291B

 000300

 19FFE1

 19FFE1

 00FFDE

 32FFE4

 4CFFE8

 65FFEB

 7FFFE6

 98FFF2

 B2FFF5

 CBFFF8

 E5FFFC

FEFFFF

# Harmonies

## Analogous

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



8DFAAC



19FFE1



00FEFF

# Triad

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



19FFE1



E7D6FF



FFCD89

# Complementary

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



19FFE1



FF1937

# 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.



FFBDB2



19FFE1



FFC3FF

# Square

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



19FFE1



8BE9FF



FFB8E6



FFE077

# Rectangle

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



19FFE1



00FAFF



FFB8E6



FFC794

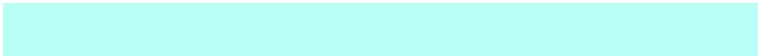


# Sweetspot

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



19FFE1



BAFFF6



38FF19



57807A



000000



808080



# Same Dimension

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



19FFE1



00FFDE



19ABFF



73807E



00BFA6



004037



# Inverse Universe

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



FF1937



FF0021



FF6D19



807374



BF0019

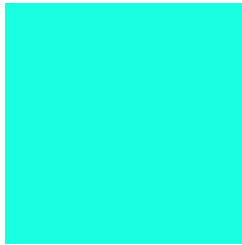


400008



# Previews

## White Background



This preview shows how the Hex color 19FFE1 looks on a white background.

## Color Contrast Check

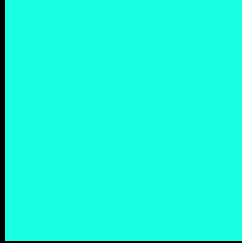
Large Text (above 18pt) WCAG AA × Fail

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 19FFE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

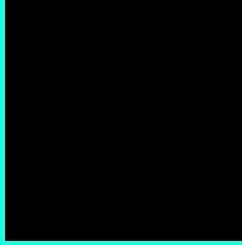
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19FFE1 Background



This preview shows how black text looks on a background with the Hex color 19FFE1.



This preview shows how white text looks on a background with the Hex color 19FFE1.

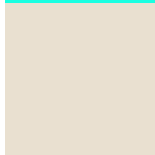
# Color Blindness Simulation

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](#).

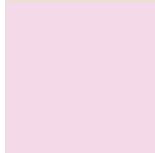
## Dichromacy



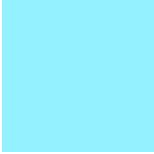
**Original Color**  
19FFE1



**Protanopia**  
E9E0D0



**Deuteranopia**  
F4DAE9

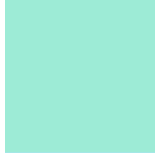


**Tritanopia**  
94F1FF

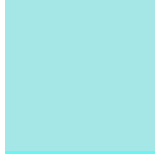
# Trichromacy



**Original Color**  
19FFE1



**Protanomaly**  
9DEBD6



**Deuteranomaly**  
A4E7E6

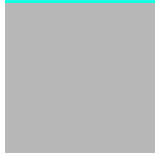


**Tritanomaly**  
67F6F4

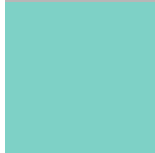
# Monochromacy



**Original Color**  
19FFE1



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
7ED1C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19FFE1 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 #19FFE1 looks like.

```
.text, #text, p{  
    color:#19FFE1  
}
```

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 #19FFE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19FFE1
}
```

## Border

The CSS property to change the border of an element to Hex 19FFE1 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
#19FFE1 }
```

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

```
.border{ border-color:#19FFE1 }
```

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

Here you see how a box with a 4 pixel #19FFE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19FFE1; -webkit-box-shadow:4px 4px  
4px 4px #19FFE1; box-shadow:4px 4px 4px  
4px #19FFE1 }
```

# Background

The CSS property to change the background color of an element to Hex 19FFE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19FFE1 }
```

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

```
.background{ background-color:#19FFE1 }
```

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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