

# Converting Colors

Hex(19BEE9)

Have a look what the booklet for  
Hex(19BEE9) contains.

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# **Color**

**Hex(19BEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19BEE9
RGB	25, 190, 233
RGB Percent	10%, 75%, 91%
CMY	0.9020, 0.2549, 0.0863
CMYK	0.89, 0.18, 0.00, 0.09
HSL	192°, 83%, 51%
HSV	192°, 89%, 91%
XYZ	33.5223, 42.9168, 83.6077
YIQ	145.5670, -112.1430, -21.6070

# Conversions

## Conversions Part 2

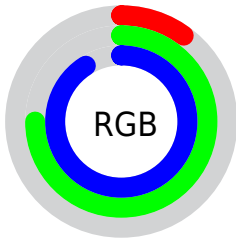
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 117, 233
Decimal	1687273
CIE Lab	71.50, -23.88, -32.28
CIE LCh	71, 40.158, 233.508
Yxy	42.9168, 0.2095, 0.2682
Android (android.graphics.Color)	4279877353 (0xFF19BEE9)
YUV	145.5670, 43.1045, -105.7373
Hunter-Lab	65.5109, -23.3045, -29.8107

# Details

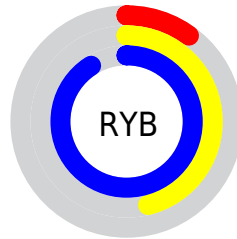
The Hex color **19BEE9** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E94419**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72F6FF**, and **0088B1** is the 20% darker color. If you saturate the color by 10%, you get **02B9E9**, and if you desaturate by 10%, it is **30C3E9**.

# Distribution



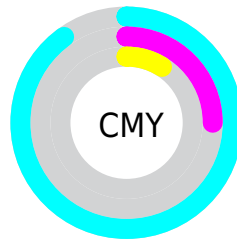
- Red (10%)
- Green (75%)
- Blue (91%)



- Red (10%)
- Yellow (46%)
- Blue (91%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (25%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19BEE9 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 19BEE9 by changing the saturation by 10% instead.



 19BEE9

 19BEE9


FFFFFF

 00A3CD

 72F6FF

 0088B1

 93FFFF

 006F96

 B3FFFF

 00567C

 D3FFFF

 003F63

 F2FFFF

 00294B

 000E34

 00021E

 000001

■ 19BEE9

■ 19BEE9

■ 02B9E9

■ 30C3E9

■ 00B9E9

■ 48C8E9

■ 5FCCE9

■ 76D1E9

■ 8DD6E9

■ A5DBE9

■ BCE0E9

■ D3E5E9

■ EBE9E9

# Harmonies

## Analogous

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



00C2CB



19BEE9



6AB5F7

# Triad

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



19BEE9



F093B9



AAB66B

# Complementary

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



19BEE9



E94419

# 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.



CEAA66



19BEE9



F69494

# Square

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



19BEE9



D69BDB



E99D76



7FBE82

# Rectangle

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



19BEE9



95ADF6



E99D76



B7B267

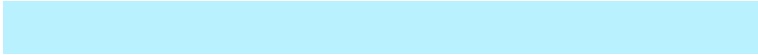


# Sweetspot

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



19BEE9



BAF1FF



19E943



577780



000000



808080

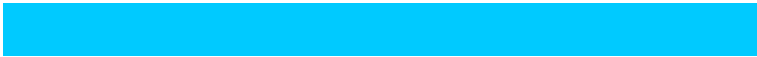


# Same Dimension

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



19BEE9



00CAFF



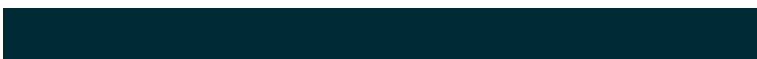
1957E9



6A7375



0090B5



002A36



# Inverse Universe

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



E919BE



FF00CA



E9AB19



756A73



B50090

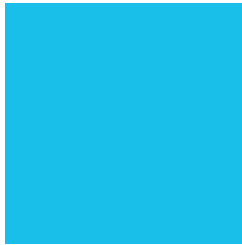


36002A



# Previews

## White Background



This preview shows how the Hex color 19BEE9 looks on a white background.

## Color Contrast Check

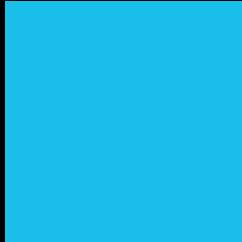
Large Text (above 18pt) WCAG AA × Fail

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 19BEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

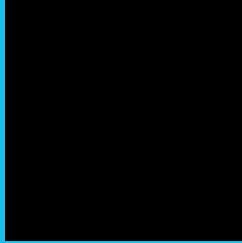
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19BEE9 Background



This preview shows how black text looks on a background with the Hex color 19BEE9.

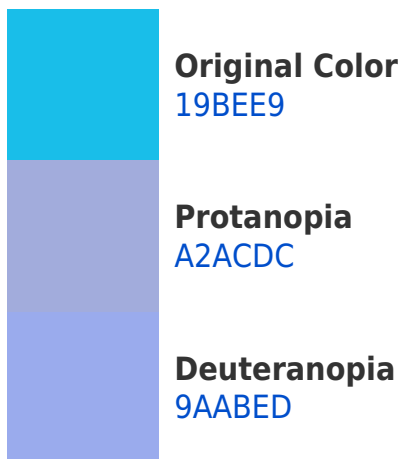


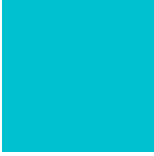
This preview shows how white text looks on a background with the Hex color 19BEE9.

# 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](#).

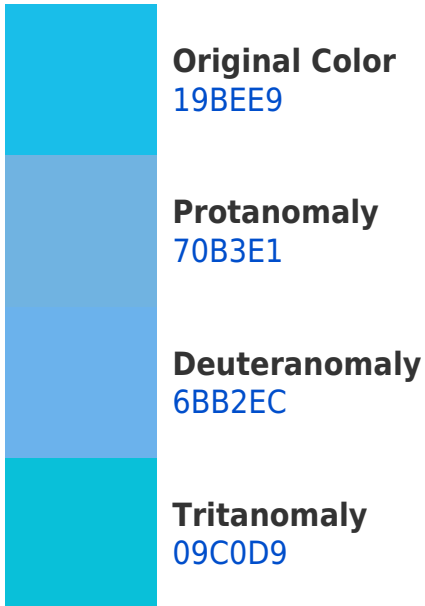
## Dichromacy





**Tritanopia**  
00C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19BEE9 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 #19BEE9 looks like.

```
.text, #text, p{  
    color:#19BEE9  
}
```

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 #19BEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19BEE9
}
```

## Border

The CSS property to change the border of an element to Hex 19BEE9 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
#19BEE9 }
```

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

```
.border{ border-color:#19BEE9 }
```

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

Here you see how a box with a 4 pixel #19BEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19BEE9; -webkit-box-shadow:4px 4px  
4px 4px #19BEE9; box-shadow:4px 4px 4px  
4px #19BEE9 }
```

# Background

The CSS property to change the background color of an element to Hex 19BEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19BEE9 }
```

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

```
.background{ background-color:#19BEE9 }
```

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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