

# Converting Colors

Hex(1B9FC1)

Have a look what the booklet for  
Hex(1B9FC1) contains.

<b>Hex(1B9FC1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**1B9FC1**)

# Conversions

## Conversions Part 1

Format	Color
Hex	1B9FC1
RGB	27, 159, 193
RGB Percent	11%, 62%, 76%
CMY	0.8941, 0.3765, 0.2431
CMYK	0.86, 0.18, 0.00, 0.24
HSL	192°, 75%, 43%
HSV	192°, 86%, 76%
XYZ	22.4758, 28.8795, 54.8418
YIQ	123.4080, -89.5860, -17.4100

# Conversions

## Conversions Part 2

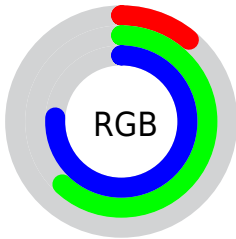
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 101, 193
Decimal	1810369
CIELab	60.68, -21.30, -26.93
CIELCh	61, 34.338, 231.652
Yxy	28.8795, 0.2116, 0.2719
Android (android.graphics.Color)	4280000449 (0xFF1B9FC1)
YUV	123.4080, 34.3089, -84.5498
Hunter-Lab	53.7397, -19.3897, -22.8881




# Details

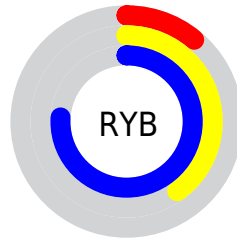
The Hex color **1B9FC1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C13D1B**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **69D6FA**, and **006B8B** is the 20% darker color. If you saturate the color by 10%, you get **089BC1**, and if you desaturate by 10%, it is **2EA3C1**.

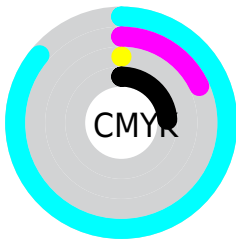
# Distribution







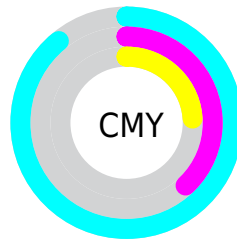
-  Red (11%)
-  Green (62%)
-  Blue (76%)






-  Red (11%)
-  Yellow (40%)
-  Blue (76%)



-  Cyan (86%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (89%)
-  Magenta (38%)
-  Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B9FC1 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 1B9FC1 by changing the saturation by 10% instead.



■ 1B9FC1

■ 1B9FC1

FFFFFF

■ 0085A6

■ 69D6FA

■ 006B8B

■ 88F2FF

■ 005372

■ A6FFFF

■ 003C59

■ C5FFFF

■ 002641

■ E3FFFF

■ 00082C

■ 000116

■ 000000

■ 1B9FC1

■ 1B9FC1

089BC1

2EA3C1

0099C1

42A7C1

55ABC1

68AFC1

7BB3C1

8FB7C1

A2BBC1

B5BFC1

C9C3C1

# Harmonies

## Analogous

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



11A2A8



1B9FC1



5798CE

# Triad

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



1B9FC1



C77B9C



909759

# Complementary

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



1B9FC1



C13D1B

# 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.



AE8E56



1B9FC1



CD7C7E

# Square

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



1B9FC1



B083B8



C48364



6D9E6C

# Rectangle

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



1B9FC1



7A91CD



C48364



9B9456

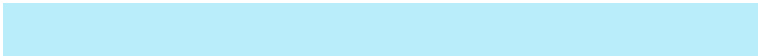


# Sweetspot

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



1B9FC1



B9EDFA



1BC13C



56757D



FCFCFC



7D7D7D



# Same Dimension

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



1B9FC1



00C7FA



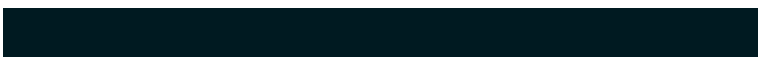
1B4DC1



575F61



0080A1



001A21



# Inverse Universe

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



C11B9F



FA00C7



C18F1B



61575F



A10080



21001A



# Previews

## White Background



This preview shows how the Hex color 1B9FC1 looks on a white background.

## Color Contrast Check

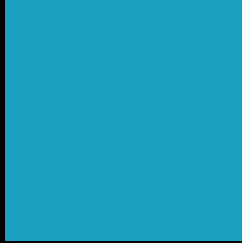
Large Text (above 18pt) WCAG AA ✓ Pass

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 1B9FC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

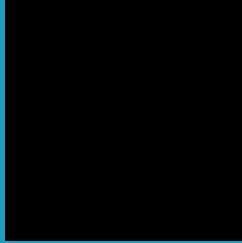
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1B9FC1 Background



This preview shows how black text looks on a background with the Hex color 1B9FC1.



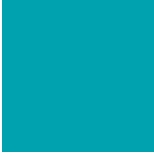
This preview shows how white text looks on a background with the Hex color 1B9FC1.

# 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**  
00A2AF

# Trichromacy



**Original Color**  
1B9FC1



**Protanomaly**  
6095BA



**Deuteranomaly**  
5D95C4



**Tritanomaly**  
0AA1B6

# Monochromacy



**Original Color**  
1B9FC1



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
588894

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B9FC1 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 #1B9FC1 looks like.

```
.text, #text, p{  
    color:#1B9FC1  
}
```

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 #1B9FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B9FC1
}
```

## Border

The CSS property to change the border of an element to Hex 1B9FC1 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
#1B9FC1 }
```

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

```
.border{ border-color:#1B9FC1 }
```

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

Here you see how a box with a 4 pixel #1B9FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B9FC1; -webkit-box-shadow:4px 4px  
4px 4px #1B9FC1; box-shadow:4px 4px 4px  
4px #1B9FC1 }
```

# Background

The CSS property to change the background color of an element to Hex 1B9FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B9FC1 }
```

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

```
.background{ background-color:#1B9FC1 }
```

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