

Converting Colors

Hex(1B9FC9)

Have a look what the booklet for
Hex(1B9FC9) contains.

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Color

Hex(1B9FC9)

Conversions

Conversions Part 1

Format	Color
Hex	1B9FC9
RGB	27, 159, 201
RGB Percent	11%, 62%, 79%
CMY	0.8941, 0.3765, 0.2118
CMYK	0.87, 0.21, 0.00, 0.21
HSL	194°, 76%, 45%
HSV	194°, 87%, 79%
XYZ	23.3927, 29.2463, 59.6705
YIQ	124.3200, -92.1540, -14.9220

Conversions

Conversions Part 2

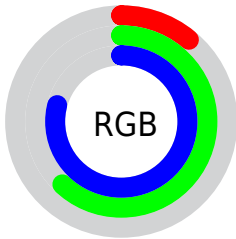
Format	Color
RYB	27, 102, 201
Decimal	1810377
CIELab	61.00, -18.55, -30.91
CIELCh	61, 36.050, 239.034
Yxy	29.2463, 0.2083, 0.2604
Android (android.graphics.Color)	4280000457 (0xFF1B9FC9)
YUV	124.3200, 37.8032, -85.3496
Hunter-Lab	54.0799, -17.4280, -27.5633

Details

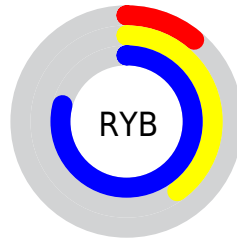
The Hex color **1B9FC9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C9451B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6AD6FF**, and **006B93** is the 20% darker color. If you saturate the color by 10%, you get **079AC9**, and if you desaturate by 10%, it is **2FA4C9**.

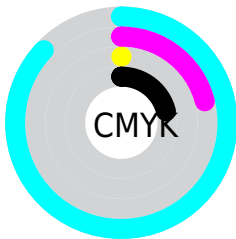
Distribution



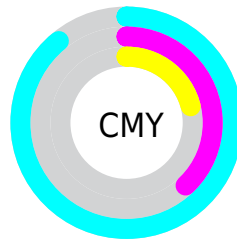
- Red (11%)
- Green (62%)
- Blue (79%)



- Red (11%)
- Yellow (40%)
- Blue (79%)



- Cyan (87%)
- Magenta (21%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B9FC9 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 1B9FC9 by changing the saturation by 10% instead.

 1B9FC9

 1B9FC9

FFFFFF

 0085AE

 6AD6FF

 006B93

 8AF2FF

 005379

 A8FFFF

 003C60

 C7FFFF

 002648

 E5FFFF

 000B31

 00011C

 000000

 1B9FC9

 1B9FC9

■ 079AC9

■ 2FA4C9

■ 0098C9

■ 43A9C9

■ 57AEC9

■ 6BB2C9

■ 80B7C9

■ 94BCC9

■ A8C1C9

■ BCC6C9

■ D0CBC9

Harmonies

Analogous

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



00A3B1



1B9FC9



6197D2

Triad

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



1B9FC9



CE7A95



889B5A

Complementary

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



1B9FC9



C9451B

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.



A99153



1B9FC9



D07D76

Square

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



1B9FC9



BA80B4



C2865D



62A171

Rectangle

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



1B9FC9



858FCF



C2865D



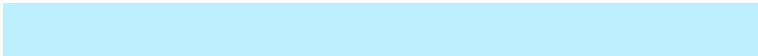
939856

Sweetspot

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



1B9FC9



BDEFFF



1BC944



587680



000000



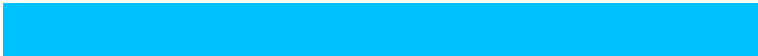
808080

Same Dimension

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



1B9FC9



00C1FF



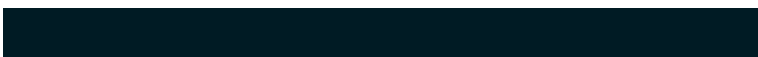
1B49C9



5A6163



007CA3



001B24

Inverse Universe

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



C91B9F



FF00C1



C99B1B



635A61



A3007C



24001B

Previews

White Background



This preview shows how the Hex color 1B9FC9 looks on a white background.

Color Contrast Check

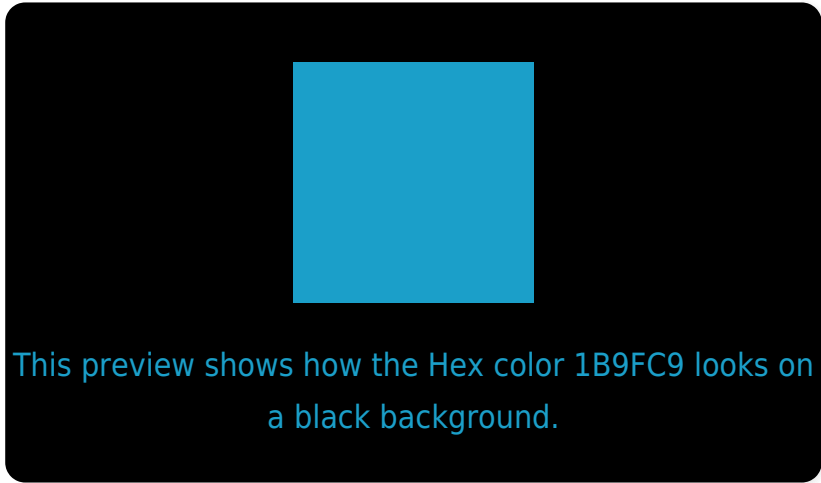
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

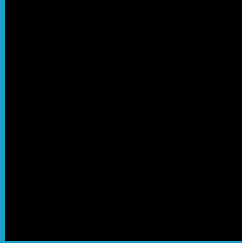
Any Text WCAG AA ✓ Pass

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 1B9FC9 Background



This preview shows how black text looks on a background with the Hex color 1B9FC9.

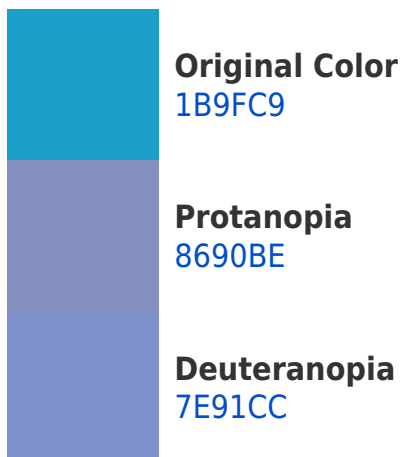


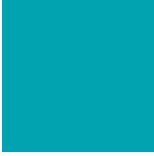
This preview shows how white text looks on a background with the Hex color 1B9FC9.

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](#).

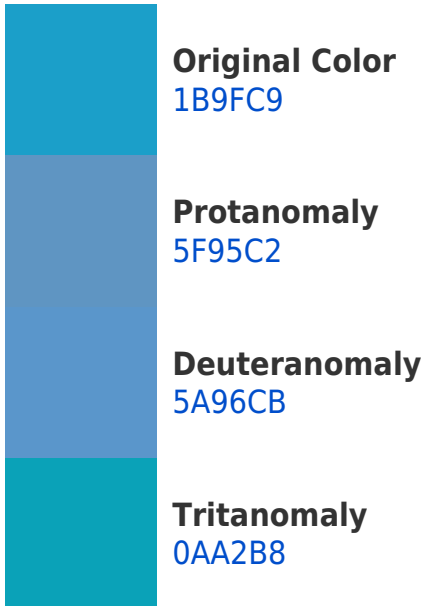
Dichromacy





Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B9FC9 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 #1B9FC9 looks like.

```
.text, #text, p{  
    color:#1B9FC9  
}
```

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 #1B9FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B9FC9
}
```

Border

The CSS property to change the border of an element to Hex 1B9FC9 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
#1B9FC9 }
```

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

```
.border{ border-color:#1B9FC9 }
```

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

Here you see how a box with a 4 pixel #1B9FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B9FC9; -webkit-box-shadow:4px 4px  
4px 4px #1B9FC9; box-shadow:4px 4px 4px  
4px #1B9FC9 }
```

Background

The CSS property to change the background color of an element to Hex 1B9FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B9FC9 }
```

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

```
.background{ background-color:#1B9FC9 }
```

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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