

Converting Colors

Hex(199FBB)

Have a look what the booklet for
Hex(199FBB) contains.

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Color

Hex(199FBB)

Conversions

Conversions Part 1

Format	Color
Hex	199FBB
RGB	25, 159, 187
RGB Percent	10%, 62%, 73%
CMY	0.9020, 0.3765, 0.2667
CMYK	0.87, 0.15, 0.00, 0.27
HSL	190°, 76%, 42%
HSV	190°, 87%, 73%
XYZ	21.7687, 28.5908, 51.3850
YIQ	122.1260, -88.8520, -19.7000

Conversions

Conversions Part 2

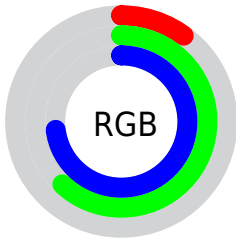
Format	Color
R_{YB}	25, 98, 187
Decimal	1679291
CIE _{Lab}	60.42, -23.48, -23.96
CIE _{LCh}	60, 33.541, 225.579
Yxy	28.5908, 0.2140, 0.2810
Android (android.graphics.Color)	4279869371 (0xFF199FBB)
YUV	122.1260, 31.9829, -85.1795
Hunter-Lab	53.4704, -20.9028, -19.5484

Details

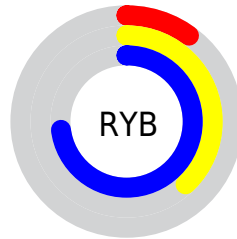
The Hex color **199FBB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BB3519**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **67D6F3**, and **006B86** is the 20% darker color. If you saturate the color by 10%, you get **069CBB**, and if you desaturate by 10%, it is **2CA2BB**.

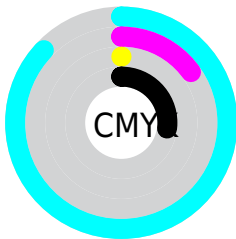
Distribution



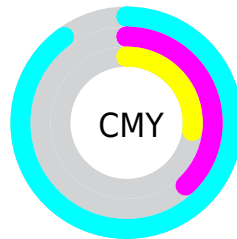
- Red (10%)
- Green (62%)
- Blue (73%)



- Red (10%)
- Yellow (38%)
- Blue (73%)



- Cyan (87%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (90%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 199FBB 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 199FBB by changing the saturation by 10% instead.

 199FBB

 199FBB

FFFFFF

 0085A0

 67D6F3

 006B86

 86F2FF

 00536C

 A4FFFF

 003B54

 C3FFFF

 00263D

 E1FFFF

 000627

 000111

 000000

 199FBB

 199FBB

069CBB

2CA2BB

009BBB

3EA5BB

51A9BB

64ACBB

76AFBB

89B2BB

9CB6BB

AFB9BB

C1BCBB

Harmonies

Analogous

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



24A2A1



199FBB



4D99CA

Triad

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



199FBB



C27CA1



969558

Complementary

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



199FBB



BB3519

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.



B28B58



199FBB



CC7B83

Square

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



199FBB



A884BB



C58169



759C67

Rectangle

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



199FBB



7093CC



C58169



A09256

Sweetspot

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



199FBB



B3E7F2



19BB34



54747A



FAFAFA



7A7A7A

Same Dimension

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



199FBB



00C8F2



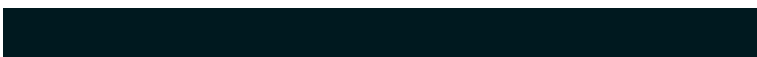
194FBB



555D5E



00839E



00191F

Inverse Universe

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



BB199F



F200C8



BB8519



5E555D



9E0083



1F0019

Previews

White Background



This preview shows how the Hex color 199FBB looks on a white background.

Color Contrast Check

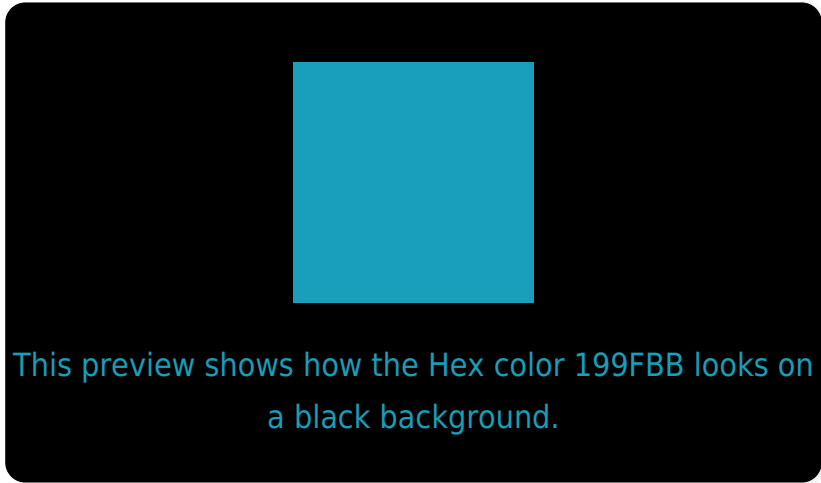
Large Text (above 18pt) WCAG AA ✓ Pass

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

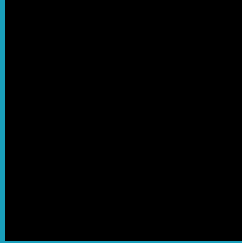
Any Text WCAG AA ✓ Pass

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 199FBB Background



This preview shows how black text looks on a background with the Hex color 199FBB.

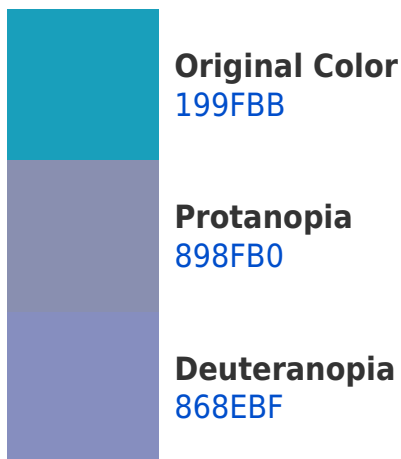


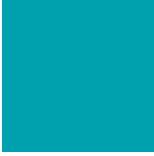
This preview shows how white text looks on a background with the Hex color 199FBB.

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](#).

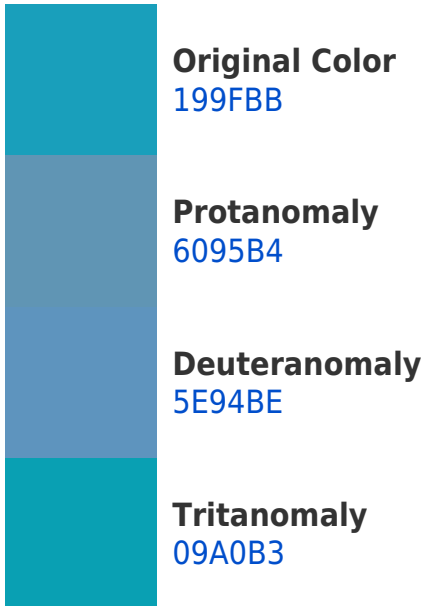
Dichromacy



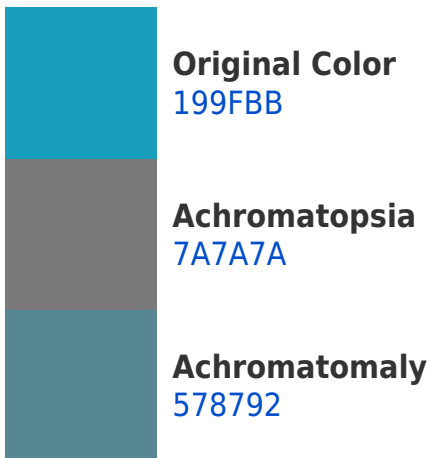


Tritanopia
00A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 199FBB 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 #199FBB looks like.

```
.text, #text, p{  
    color:#199FBB  
}
```

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 #199FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199FBB
}
```

Border

The CSS property to change the border of an element to Hex 199FBB 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
#199FBB }
```

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

```
.border{ border-color:#199FBB }
```

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

Here you see how a box with a 4 pixel #199FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199FBB; -webkit-box-shadow:4px 4px  
4px 4px #199FBB; box-shadow:4px 4px 4px  
4px #199FBB }
```

Background

The CSS property to change the background color of an element to Hex 199FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199FBB }
```

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

```
.background{ background-color:#199FBB }
```

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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