

Converting Colors

Hex(199BFD)

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

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Color

Hex(199BFD)

Conversions

Conversions Part 1

Format	Color
Hex	199BFD
RGB	25, 155, 253
RGB Percent	10%, 61%, 99%
CMY	0.9020, 0.3922, 0.0078
CMYK	0.90, 0.39, 0.00, 0.01
HSL	206°, 98%, 55%
HSV	206°, 90%, 99%
XYZ	29.8519, 30.7412, 97.2888
YIQ	127.3020, -108.9380, 2.9180

Conversions

Conversions Part 2

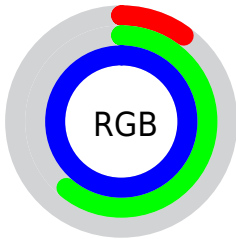
Format	Color
R _Y B	25, 108, 253
Decimal	1678333
CIE Lab	62.29, 2.42, -57.65
CIE LCh	62, 57.704, 272.404
Yxy	30.7412, 0.1891, 0.1947
Android (android.graphics.Color)	4279868413 (0xFF199BFD)
YUV	127.3020, 61.9691, -89.7189
Hunter-Lab	55.4448, -0.9226, -65.2247

Details

The Hex color **199BFD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FD7B19**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **74D1FF**, and **0069C4** is the 20% darker color. If you saturate the color by 10%, you get **0090FD**, and if you desaturate by 10%, it is **32A6FD**.

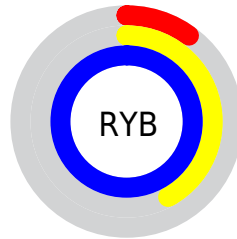
Distribution



Red (10%)

Green (61%)

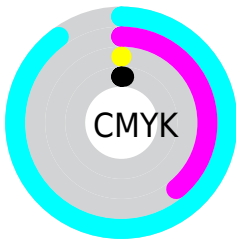
Blue (99%)



Red (10%)

Yellow (42%)

Blue (99%)

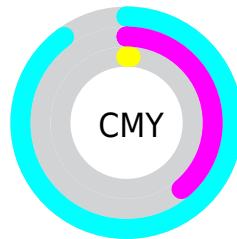


Cyan (90%)

Magenta (39%)

Yellow (0%)

Black (1%)



Cyan (90%)

Magenta (39%)

Yellow (1%)

Brightness & Saturation Gradients

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

 199BFD

 199BFD

FFFFFF

 0081E0

 74D1FF

 0069C4

 96EDFF

 0051A8

 B6FFFF

 003B8D

 D6FFFF

 002773

 F5FFFF

 00125A

 000741

 00032A

 000115

■ 199BFD

■ 199BFD

■ 0090FD

■ 32A6FD

■ 4CB1FD

■ 65BCFD

■ 7EC6FD

■ 98D1FD

■ B1DCFD

■ CAE7FD

■ E3F2FD

■ FDFDFD

Harmonies

Analogous

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



00A8F1



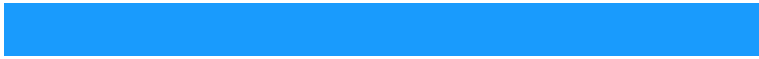
199BFD



9D87ED

Triad

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



199BFD



F06F63



26AC65

Complementary

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



199BFD



FD7B19

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.



7AA33A



199BFD



D7823A

Square

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



199BFD



F26795



AE9526



00AF99

Rectangle

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



199BFD



C879D6



AE9526



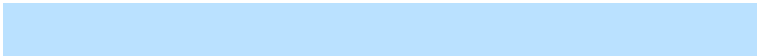
4CA955

Sweetspot

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



199BFD



BAE1FF



19FD78



576E80



000000



808080

Same Dimension

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



199BFD



0091FF



192CFD



737A80



006DBF



002440

Inverse Universe

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



FD199B



FF0091



FDEA19



80737A



BF006D



400024

Previews

White Background



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

Color Contrast Check

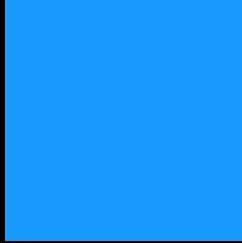
Large Text (above 18pt) WCAG AA × Fail

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 199BFD 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

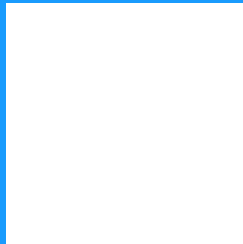
Any Text WCAG AAA ✓ Pass

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

Hex 199BFD Background



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



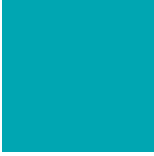
This preview shows how white text looks on a background with the Hex color 199BFD.

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](#).

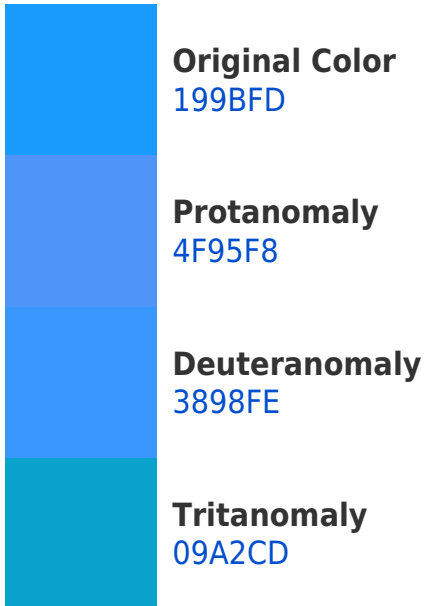
Dichromacy



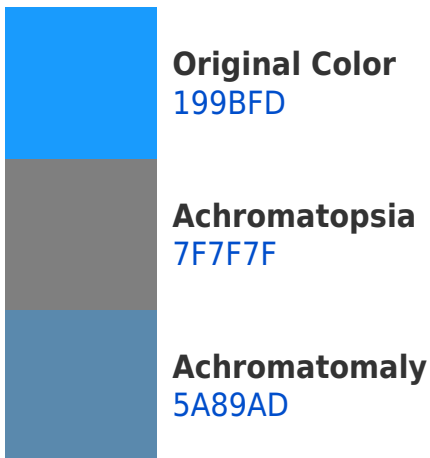


Tritanopia
00A6B2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #199BFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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