

Converting Colors

Hex(4199FD)

Have a look what the booklet for
Hex(4199FD) contains.

Hex(4199FD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4199FD)

Conversions

Conversions Part 1

Format	Color
Hex	4199FD
RGB	65, 153, 253
RGB Percent	25%, 60%, 99%
CMY	0.7451, 0.4000, 0.0078
CMYK	0.74, 0.40, 0.00, 0.01
HSL	212°, 98%, 62%
HSV	212°, 74%, 99%
XYZ	31.3008, 30.9981, 97.2620
YIQ	138.0880, -84.5480, 12.4440

Conversions

Conversions Part 2

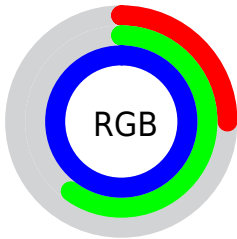
Format	Color
R _{YB}	65, 125, 253
Decimal	4299261
CIE Lab	62.51, 6.90, -57.26
CIE LCh	63, 57.674, 276.867
Yxy	30.9981, 0.1962, 0.1943
Android (android.graphics.Color)	4282489341 (0xFF4199FD)
YUV	138.0880, 56.6516, -64.0982
Hunter-Lab	55.6760, 2.9191, -64.6023

Details

The Hex color **4199FD** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FDA541**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **87CFFF**, and **0067C4** is the 20% darker color. If you saturate the color by 10%, you get **288CFD**, and if you desaturate by 10%, it is **5AA6FD**.

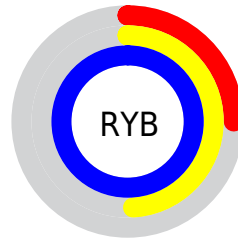
Distribution



Red (25%)

Green (60%)

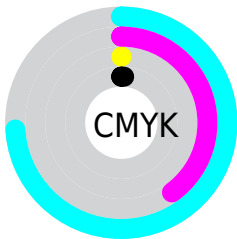
Blue (99%)



Red (25%)

Yellow (49%)

Blue (99%)

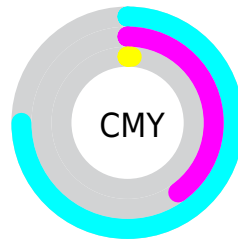


Cyan (74%)

Magenta (40%)

Yellow (0%)

Black (1%)



Cyan (75%)

Magenta (40%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4199FD 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 4199FD by changing the saturation by 10% instead.

 4199FD

 4199FD

FFFFFF

 007FE0

 87CFFF

 0067C4

 A7EBFF

 004FA8

 C6FFFF

 00398D

 E5FFFF

 002573

 00105A

 000741

 00032A

 000115

■ 4199FD

■ 4199FD

■ 288CFD

■ 5AA6FD

■ 0E7EFD

■ 74B4FD

■ 0076FD

■ 8DC1FD

■ A6CFFD

■ C0DCFD

■ D9EAFD

■ F2F7FD

FFFFFD

Harmonies

Analogous

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



00A7F5



4199FD



A985EA

Triad

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



4199FD



EE725C



00AD6D

Complementary

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



4199FD



FDA541

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.



71A640



4199FD



D28636

Square

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



4199FD



F4688D



A79827



00B0A2

Rectangle

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



4199FD



D076D0



A79827



3FAB5C

Sweetspot

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



4199FD



C7E1FF



41FDA2



5E6E80



000000



808080

Same Dimension

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



4199FD



1C86FF



4441FD



737980



005ABF



001E40

Inverse Universe

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



FD4199



FF1C86



FAFD41



807379



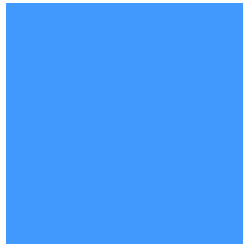
BF005A



40001E

Previews

White Background



This preview shows how the Hex color 4199FD looks on a white background.

Color Contrast Check

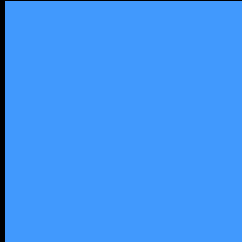
Large Text (above 18pt) WCAG AA × Fail

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 4199FD 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

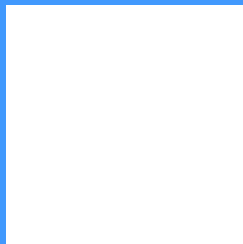
Any Text WCAG AAA ✓ Pass

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

Hex 4199FD Background



This preview shows how black text looks on a background with the Hex color 4199FD.



This preview shows how white text looks on a background with the Hex color 4199FD.

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](#).

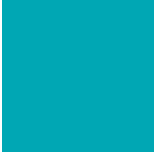
Dichromacy



Original Color
4199FD

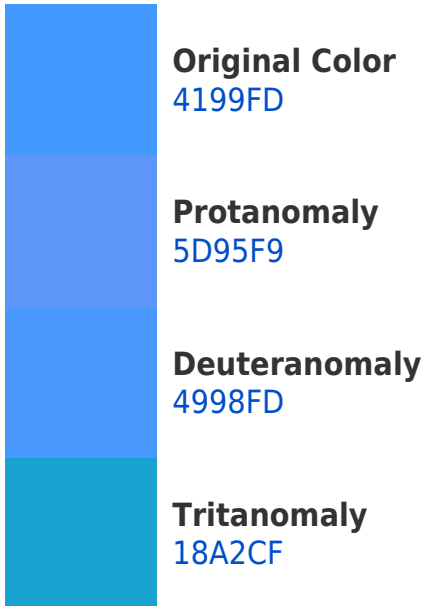
Protanopia
6D93F7

Deuteranopia
4D97FD



Tritanopia
00A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4199FD 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 #4199FD looks like.

```
.text, #text, p{  
    color:#4199FD  
}
```

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 #4199FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4199FD
}
```

Border

The CSS property to change the border of an element to Hex 4199FD 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
#4199FD }
```

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

```
.border{ border-color:#4199FD }
```

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

Here you see how a box with a 4 pixel #4199FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4199FD; -webkit-box-shadow:4px 4px  
4px 4px #4199FD; box-shadow:4px 4px 4px  
4px #4199FD }
```

Background

The CSS property to change the background color of an element to Hex 4199FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4199FD }
```

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

```
.background{ background-color:#4199FD }
```

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