

Converting Colors

Hex(4193FE)

Have a look what the booklet for
Hex(4193FE) contains.

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Color

Hex(4193FE)

Conversions

Conversions Part 1

Format	Color
Hex	4193FE
RGB	65, 147, 254
RGB Percent	25%, 58%, 100%
CMY	0.7451, 0.4235, 0.0039
CMYK	0.74, 0.42, 0.00, 0.00
HSL	214°, 99%, 63%
HSV	214°, 74%, 100%
XYZ	30.5031, 29.1470, 97.7842
YIQ	134.6800, -83.2190, 15.8930

Conversions

Conversions Part 2

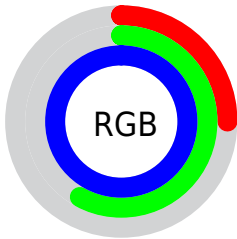
Format	Color
R _{YB}	65, 122, 254
Decimal	4297726
CIE _{Lab}	60.91, 10.81, -60.35
CIE _{LCh}	61, 61.315, 280.156
Yxy	29.1470, 0.1938, 0.1851
Android (android.graphics.Color)	4282487806 (0xFF4193FE)
YUV	134.6800, 58.8248, -61.1094
Hunter-Lab	53.9880, 6.3732, -69.5957

Details

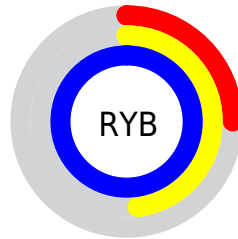
The Hex color **4193FE** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FEAC41**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **88C8FF**, and **0061C5** is the 20% darker color. If you saturate the color by 10%, you get **2885FE**, and if you desaturate by 10%, it is **5AA1FE**.

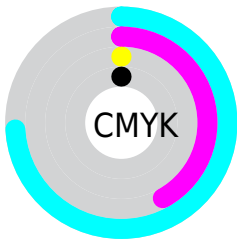
Distribution



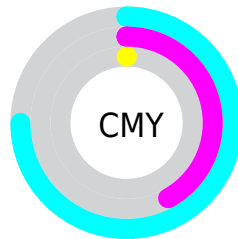
- Red (25%)
- Green (58%)
- Blue (100%)



- Red (25%)
- Yellow (48%)
- Blue (100%)



- Cyan (74%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4193FE 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 4193FE by changing the saturation by 10% instead.

 4193FE

 4193FE

FFFFFF

 007AE1

 88C8FF

 0061C5

 A7E4FF

 004AA9

 C6FFFF

 00358E

 E6FFFF

 002174

 00085A

 000742

 00032B

 000115

■ 4193FE

■ 4193FE

■ 2885FE

■ 5AA1FE

■ 0E76FE

■ 74B0FE

■ 006EFE

■ 8DBEFE

■ A7CDFE

■ C0DBFE

■ D9E9FE

■ F3F8FE

FFFFFE

Harmonies

Analogous

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



00A3F9



4193FE



AD7CE6

Triad

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



4193FE



EB6D50



00AA6C

Complementary

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



4193FE



FEAC41

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.



62A33A



4193FE



CC8326

Square

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



4193FE



F55F83



9D9617



00ADA4

Rectangle

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



4193FE



D46DCA



9D9617



1BA85A

Sweetspot

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



4193FE



C7DFFF



41FEA9



5E6D80



000000



808080

Same Dimension

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



4193FE



1C7FFF



4A41FE



737880



0053BF



001C40

Inverse Universe

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



FE4193



FF1C7F



F5FE41



807378



BF0053



40001C

Previews

White Background



This preview shows how the Hex color 4193FE looks on a white background.

Color Contrast Check

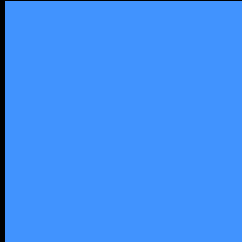
Large Text (above 18pt) WCAG AA ✓ Pass

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 4193FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

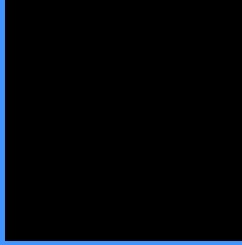
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

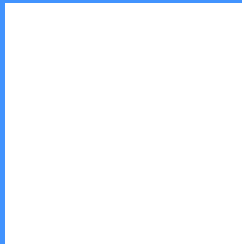
Any Text WCAG AAA × Fail

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

Hex 4193FE Background



This preview shows how black text looks on a background with the Hex color 4193FE.



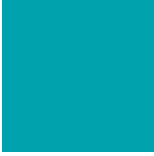
This preview shows how white text looks on a background with the Hex color 4193FE.

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](#).

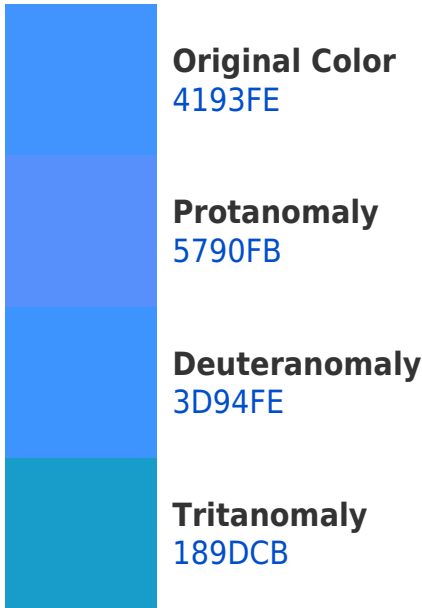
Dichromacy





Tritanopia
00A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4193FE 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 #4193FE looks like.

```
.text, #text, p{  
    color:#4193FE  
}
```

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 #4193FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4193FE
}
```

Border

The CSS property to change the border of an element to Hex 4193FE 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
#4193FE }
```

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

```
.border{ border-color:#4193FE }
```

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

Here you see how a box with a 4 pixel #4193FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4193FE; -webkit-box-shadow:4px 4px  
4px 4px #4193FE; box-shadow:4px 4px 4px  
4px #4193FE }
```

Background

The CSS property to change the background color of an element to Hex 4193FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4193FE }
```

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

```
.background{ background-color:#4193FE }
```

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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