

Converting Colors

Hex(4F95FD)

Have a look what the booklet for
Hex(4F95FD) contains.

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Color

Hex(4F95FD)

Conversions

Conversions Part 1

Format	Color
Hex	4F95FD
RGB	79, 149, 253
RGB Percent	31%, 58%, 99%
CMY	0.6902, 0.4157, 0.0078
CMYK	0.69, 0.41, 0.00, 0.01
HSL	216°, 98%, 65%
HSV	216°, 69%, 99%
XYZ	31.7015, 30.2490, 97.0963
YIQ	139.9260, -75.1040, 17.5040

Conversions

Conversions Part 2

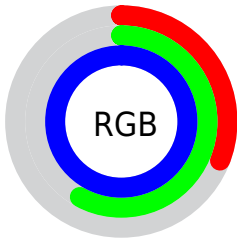
Format	Color
RYB	79, 129, 253
Decimal	5215741
CIELab	61.87, 11.11, -58.25
CIELCh	62, 59.300, 280.799
Yxy	30.2490, 0.1993, 0.1902
Android (android.graphics.Color)	4283405821 (0xFF4F95FD)
YUV	139.9260, 55.7455, -53.4321
Hunter-Lab	54.9991, 6.6391, -66.1722

Details

The Hex color **4F95FD** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FDB74F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **91CBFF**, and **0063C4** is the 20% darker color. If you saturate the color by 10%, you get **3686FD**, and if you desaturate by 10%, it is **68A4FD**.

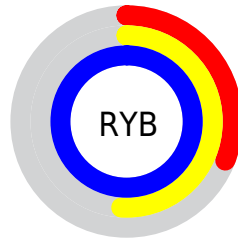
Distribution



Red (31%)

Green (58%)

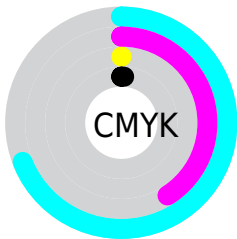
Blue (99%)



Red (31%)

Yellow (51%)

Blue (99%)

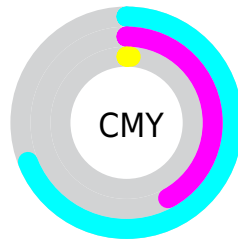


Cyan (69%)

Magenta (41%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (42%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F95FD 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 4F95FD by changing the saturation by 10% instead.

 4F95FD

 4F95FD

FFFFFF

 237CE0

 91CBFF

 0063C4

 B0E7FF

 004CA8


 CFFFFFF

 00368D

 EFFFFFF

 002273

 000B5A

 000741

 00032A

 000114

■ 4F95FD

■ 4F95FD

■ 3686FD

■ 68A4FD

■ 1C77FD

■ 82B3FD

■ 0368FD

■ 9BC2FD

■ 0066FD

■ B4D1FD

■ CEE1FD

■ E7F0FD

FFFFFD

Harmonies

Analogous

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



00A4F8



4F95FD



B17FE6

Triad

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



4F95FD



EB7153



00AC71

Complementary

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



4F95FD



FDB74F

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.



65A540



4F95FD



CC862D

Square

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



4F95FD



F56485



9F9922



00AFA8

Rectangle

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



4F95FD



D671CA



9F9922



26AB60

Sweetspot

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



4F95FD



C9DFFF



4FFDB5



606C80



000000



808080

Same Dimension

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



4F95FD



2B80FF



5E4FFD



737880



004DBF



001A40

Inverse Universe

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



FD4F95



FF2B80



FFFD4F



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 4F95FD looks on a white background.

Color Contrast Check

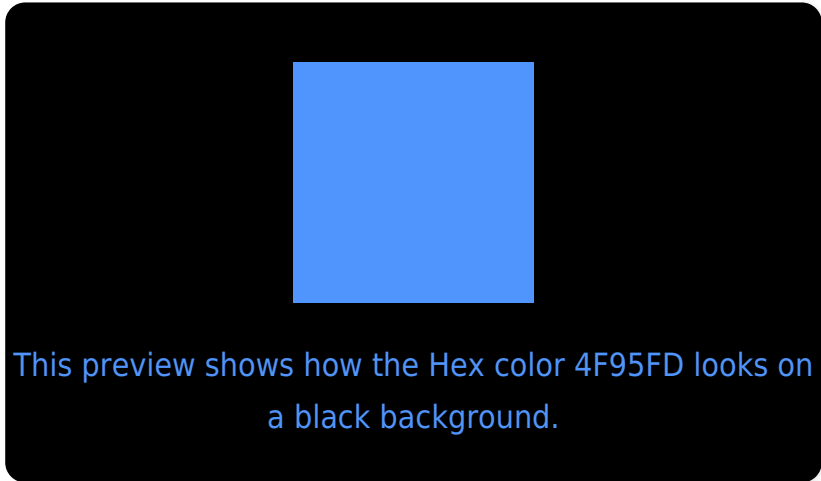
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

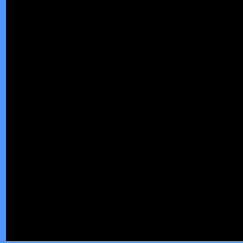
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

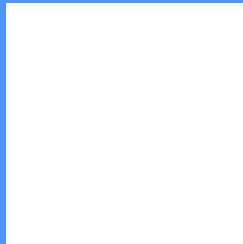
Any Text WCAG AAA ✓ Pass

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

Hex 4F95FD Background



This preview shows how black text looks on a background with the Hex color 4F95FD.



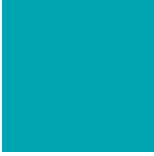
This preview shows how white text looks on a background with the Hex color 4F95FD.

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](#).

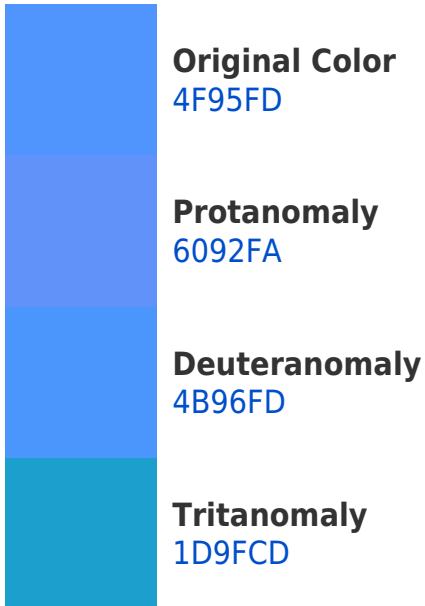
Dichromacy



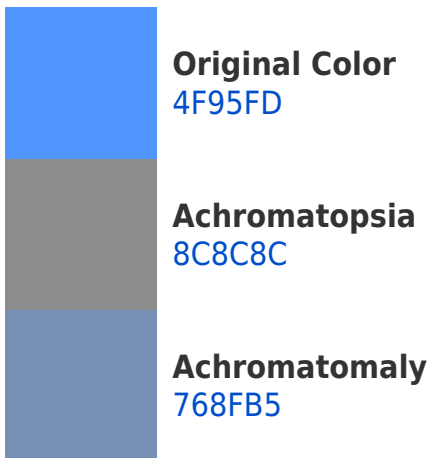


Tritanopia
00A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F95FD 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 #4F95FD looks like.

```
.text, #text, p{  
    color:#4F95FD  
}
```

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 #4F95FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F95FD
}
```

Border

The CSS property to change the border of an element to Hex 4F95FD 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
#4F95FD }
```

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

```
.border{ border-color:#4F95FD }
```

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

Here you see how a box with a 4 pixel #4F95FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F95FD; -webkit-box-shadow:4px 4px  
4px 4px #4F95FD; box-shadow:4px 4px 4px  
4px #4F95FD }
```

Background

The CSS property to change the background color of an element to Hex 4F95FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F95FD }
```

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

```
.background{ background-color:#4F95FD }
```

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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