

Converting Colors

Hex(4794F5)

Have a look what the booklet for
Hex(4794F5) contains.

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Color

Hex(4794F5)

Conversions

Conversions Part 1

Format	Color
Hex	4794F5
RGB	71, 148, 245
RGB Percent	28%, 58%, 96%
CMY	0.7216, 0.4196, 0.0392
CMYK	0.71, 0.40, 0.00, 0.04
HSL	213°, 90%, 62%
HSV	213°, 71%, 96%
XYZ	29.6699, 29.1120, 90.4416
YIQ	136.0350, -77.0290, 13.8430

Conversions

Conversions Part 2

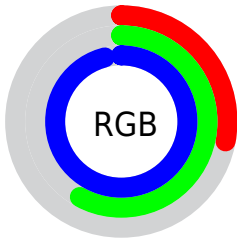
Format	Color
R _Y B	71, 124, 245
Decimal	4691189
CIE Lab	60.88, 7.80, -55.45
CIE LCh	61, 55.997, 278.005
Yxy	29.1120, 0.1988, 0.1951
Android (android.graphics.Color)	4282881269 (0xFF4794F5)
YUV	136.0350, 53.7197, -57.0357
Hunter-Lab	53.9555, 3.7341, -61.6145

Details

The Hex color **4794F5** 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 **F5A847**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8ACAFF**, and **0062BC** is the 20% darker color. If you saturate the color by 10%, you get **2F86F5**, and if you desaturate by 10%, it is **60A2F5**.

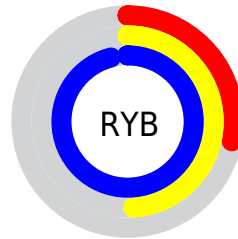
Distribution



Red (28%)

Green (58%)

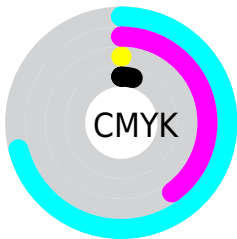
Blue (96%)



Red (28%)

Yellow (49%)

Blue (96%)

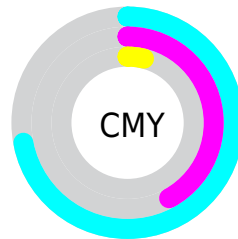


Cyan (71%)

Magenta (40%)

Yellow (0%)

Black (4%)



Cyan (72%)

Magenta (42%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4794F5 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 4794F5 by changing the saturation by 10% instead.

 4794F5

 4794F5

FFFFFF

 147BD8

 8ACAFF

 0062BC

 A9E6FF

 004BA1

 C8FFFF

 003586

 E6FFFF

 00216C

 000853

 00063B

 000224

 00010D

■ 4794F5

■ 4794F5

■ 2F86F5

■ 60A2F5

■ 1679F5

■ 78AFF5

■ 006CF5

■ 91BDF5

■ A9CBF5

■ C2D8F5

■ DAE6F5

■ F3F4F5

■ FFFFF5

Harmonies

Analogous

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



00A2EE



4794F5



A780E1

Triad

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



4794F5



E67059



00A86C

Complementary

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



4794F5



F5A847

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.



6CA140



4794F5



CB8334

Square

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



4794F5



ED6588



A19528



00AB9F

Rectangle

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



4794F5



CC72C8



A19528



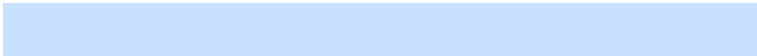
3AA65C

Sweetspot

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



4794F5



C9E1FF



47F5A7



606E80



000000



808080

Same Dimension

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



4794F5



2686FF



5047F5



6E747A



0052BA



001A3B

Inverse Universe

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



F54794



FF2686



ECF547



7A6E74



BA0052



3B001A

Previews

White Background



This preview shows how the Hex color 4794F5 looks on a white background.

Color Contrast Check

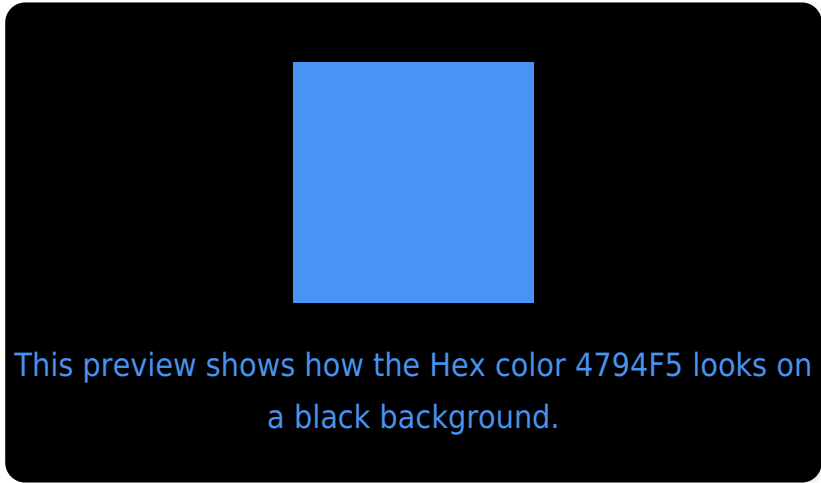
Large Text (above 18pt) WCAG AA ✓ Pass

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

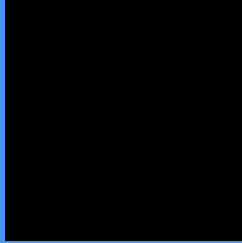
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

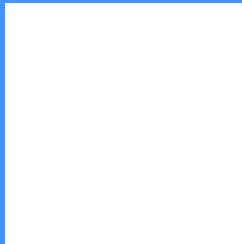
Any Text WCAG AAA × Fail

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

Hex 4794F5 Background



This preview shows how black text looks on a background with the Hex color 4794F5.



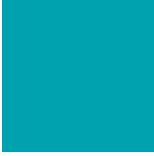
This preview shows how white text looks on a background with the Hex color 4794F5.

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](#).

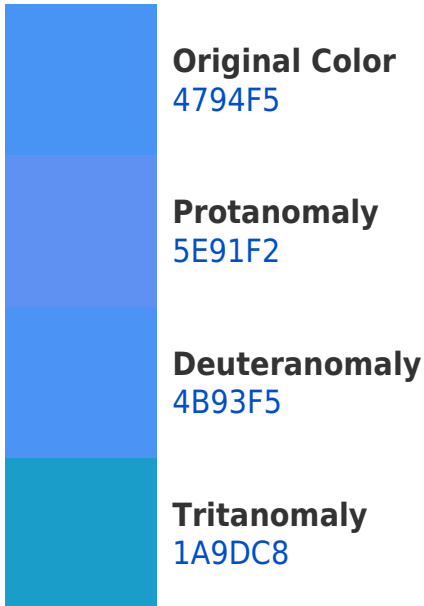
Dichromacy





Tritanopia
00A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4794F5 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 #4794F5 looks like.

```
.text, #text, p{  
    color:#4794F5  
}
```

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 #4794F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4794F5
}
```

Border

The CSS property to change the border of an element to Hex 4794F5 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
#4794F5 }
```

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

```
.border{ border-color:#4794F5 }
```

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

Here you see how a box with a 4 pixel #4794F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4794F5; -webkit-box-shadow:4px 4px  
4px 4px #4794F5; box-shadow:4px 4px 4px  
4px #4794F5 }
```

Background

The CSS property to change the background color of an element to Hex 4794F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4794F5 }
```

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

```
.background{ background-color:#4794F5 }
```

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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