

Converting Colors

Hex(4184EF)

Have a look what the booklet for
Hex(4184EF) contains.

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Color

Hex(4184EF)

Conversions

Conversions Part 1

Format	Color
Hex	4184EF
RGB	65, 132, 239
RGB Percent	25%, 52%, 94%
CMY	0.7451, 0.4824, 0.0627
CMYK	0.73, 0.45, 0.00, 0.06
HSL	217°, 84%, 60%
HSV	217°, 73%, 94%
XYZ	26.0112, 23.8583, 84.8955
YIQ	124.1650, -74.2790, 19.0730

Conversions

Conversions Part 2

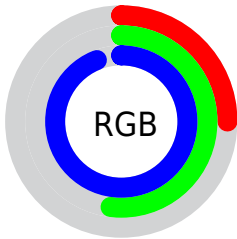
Format	Color
R _Y B	65, 113, 239
Decimal	4293871
CIE Lab	55.95, 14.51, -60.04
CIE LCh	56, 61.764, 283.588
Yxy	23.8583, 0.1930, 0.1770
Android (android.graphics.Color)	4282483951 (0xFF4184EF)
YUV	124.1650, 56.6137, -51.8877
Hunter-Lab	48.8450, 9.5771, -68.8581

Details

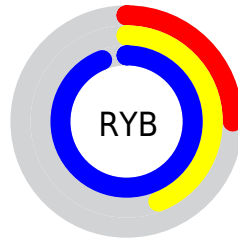
The Hex color **4184EF** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **EFAC41**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **85B9FF**, and **0053B6** is the 20% darker color. If you saturate the color by 10%, you get **2975EF**, and if you desaturate by 10%, it is **5993EF**.

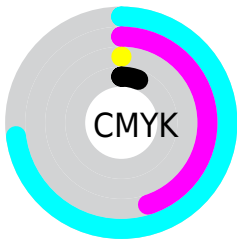
Distribution



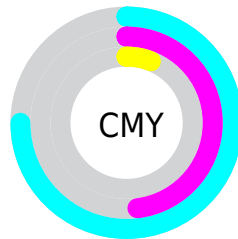
- Red (25%)
- Green (52%)
- Blue (94%)



- Red (25%)
- Yellow (44%)
- Blue (94%)



- Cyan (73%)
- Magenta (45%)
- Yellow (0%)
- Black (6%)



- Cyan (75%)
- Magenta (48%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4184EF 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 4184EF by changing the saturation by 10% instead.

 4184EF

 4184EF

FFFFFF

 026BD2

 85B9FF

 0053B6

 A4D4FF

 003D9B

 C3F0FF

 002980

 E2FFFF

 001666

 000A4E

 000536

 000220

 000003

■ 4184EF

■ 4184EF

■ 2975EF

■ 5993EF

■ 1167EF

■ 71A1EF

■ 005CEF

■ 89B0EF

■ A1BFEF

■ B8CDEF

■ D0DCEF

■ E8EBEF

■ FFFAEF

■ FFFFEF

Harmonies

Analogous

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



0094ED



4184EF



A76DD4

Triad

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



4184EF



DA623E



009D66

Complementary

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



4184EF



EFAC41

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.



4B9731



4184EF



B87910

Square

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



4184EF



E65170



898B00



009F9E

Rectangle

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



4184EF



CB5CB7



898B00



009C54

Sweetspot

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



4184EF



C7DDFF



41EFA9



5E6B80



000000



808080

Same Dimension

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



4184EF



2177FF



5241EF



6C7078



0047B8



001638

Inverse Universe

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



EF4184



FF2177



DEEF41



786C70



B80047



380016

Previews

White Background



This preview shows how the Hex color 4184EF looks on a white background.

Color Contrast Check

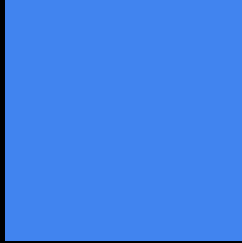
Large Text (above 18pt) WCAG AA ✓ Pass

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 4184EF 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

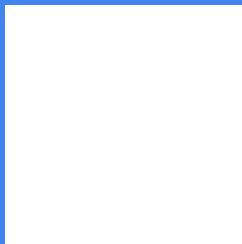
Any Text WCAG AAA × Fail

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

Hex 4184EF Background



This preview shows how black text looks on a background with the Hex color 4184EF.

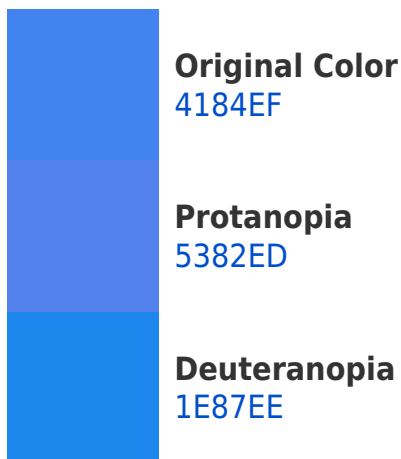


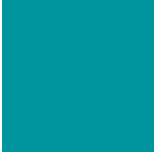
This preview shows how white text looks on a background with the Hex color 4184EF.

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](#).

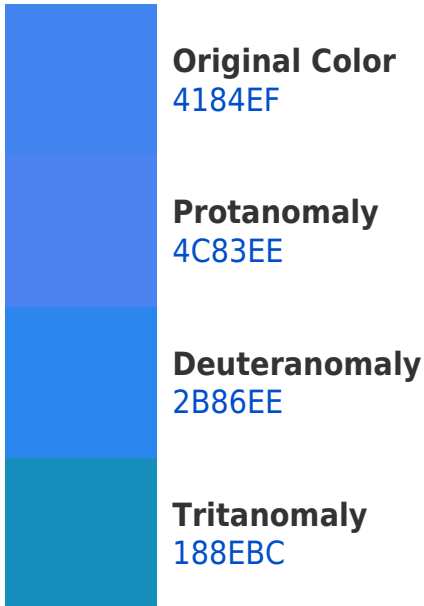
Dichromacy



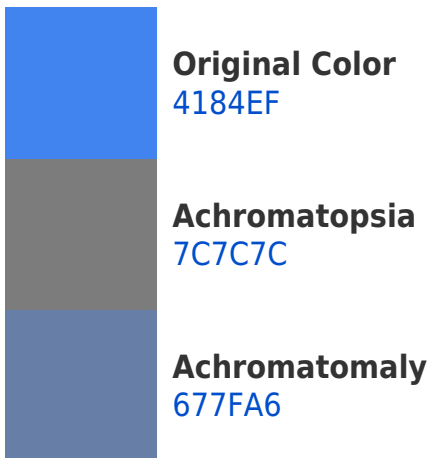


Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4184EF 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 #4184EF looks like.

```
.text, #text, p{  
    color:#4184EF  
}
```

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 #4184EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4184EF
}
```

Border

The CSS property to change the border of an element to Hex 4184EF 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
#4184EF }
```

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

```
.border{ border-color:#4184EF }
```

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

Here you see how a box with a 4 pixel #4184EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4184EF; -webkit-box-shadow:4px 4px  
4px 4px #4184EF; box-shadow:4px 4px 4px  
4px #4184EF }
```

Background

The CSS property to change the background color of an element to Hex 4184EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4184EF }
```

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

```
.background{ background-color:#4184EF }
```

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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