

Converting Colors

Hex(4C90F7)

Have a look what the booklet for
Hex(4C90F7) contains.

| | |
|--|----|
| Hex(4C90F7) | 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(4C90F7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 4C90F7 |
| RGB | 76, 144, 247 |
| RGB Percent | 30%, 56%, 97% |
| CMY | 0.7020, 0.4353, 0.0314 |
| CMYK | 0.69, 0.42, 0.00, 0.03 |
| HSL | 216°, 91%, 63% |
| HSV | 216°, 69%, 97% |
| XYZ | 29.7423, 28.1984, 91.8709 |
| YIQ | 135.4100, -73.5910, 17.6170 |

Conversions

Conversions Part 2

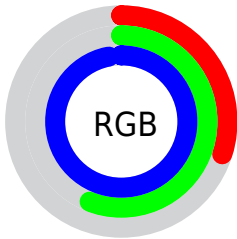
| Format | Color |
|-------------------------------------|---|
| RYB | 76, 125, 247 |
| Decimal | 5017847 |
| CIELab | 60.07, 11.58, -57.84 |
| CIELCh | 60, 58.985, 281.319 |
| Yxy | 28.1984, 0.1985, 0.1882 |
| Android (android.graphics.Color) | 4283207927 (0xFF4C90F7) |
| YUV | 135.4100, 55.0139, -52.1026 |
| Hunter-Lab | 53.1022, 7.0481, -65.4048 |

Details

The Hex color **4C90F7** 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 **F7B34C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8EC5FF**, and **005EBE** is the 20% darker color. If you saturate the color by 10%, you get **3381F7**, and if you desaturate by 10%, it is **659FF7**.

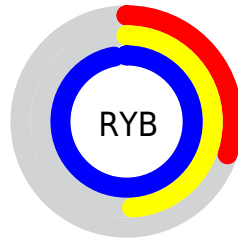
Distribution



Red (30%)

Green (56%)

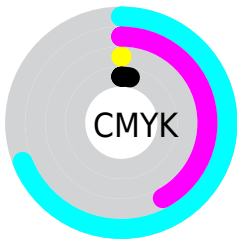
Blue (97%)



Red (30%)

Yellow (49%)

Blue (97%)

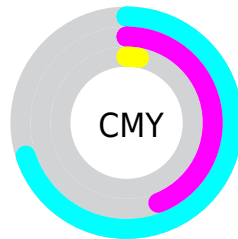


Cyan (69%)

Magenta (42%)

Yellow (0%)

Black (3%)



Cyan (70%)

Magenta (44%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4C90F7 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 4C90F7 by changing the saturation by 10% instead.

 4C90F7

 4C90F7

FFFFFF

 1F77DA

 8EC5FF

 005EBE

 ADE1FF

 0047A2

 CBF EFF

 003288


 EAFFFF

 001F6E

 000355

 00063C

 000226

 00010F

■ 4C90F7

■ 4C90F7

■ 3381F7

■ 659FF7

■ 1B72F7

■ 7DAEF7

■ 0263F7

■ 96BDF7

■ 0062F7

■ AFCCF7

■ C7DAF7

■ E0E9F7

■ F9F8F7

■ FFFFF7

Harmonies

Analogous

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



009FF3



4C90F7



AD7ADF

Triad

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



4C90F7



E56D4E



00A76E

Complementary

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



4C90F7



F7B34C

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.



60A13D



4C90F7



C68228

Square

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



4C90F7



EF607F



99941D



00AAA4

Rectangle

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



4C90F7



D16CC4



99941D



1CA65C

Sweetspot

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



4C90F7



C9DFFF



4CF7B3



606C80



000000



808080

Same Dimension

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



4C90F7



2B80FF



5D4CF7



6E737A



004ABA



00173B

Inverse Universe

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



F74C90



FF2B80



E6F74C



7A6E73



BA004A



3B0017

Previews

White Background



This preview shows how the Hex color 4C90F7 looks on a white background.

Color Contrast Check

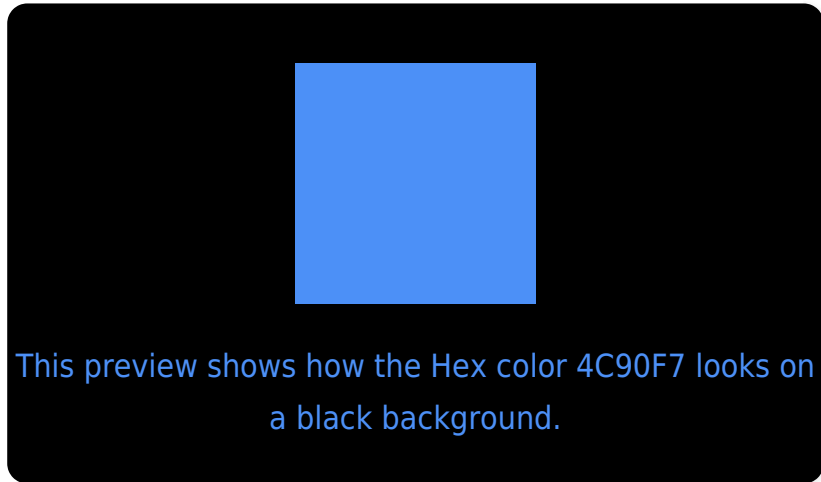
Large Text (above 18pt) WCAG AA ✓ Pass

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

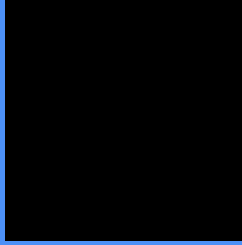
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

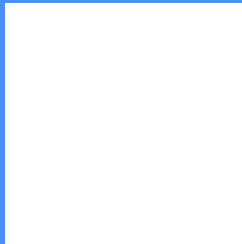
Any Text WCAG AAA × Fail

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

Hex 4C90F7 Background



This preview shows how black text looks on a background with the Hex color 4C90F7.



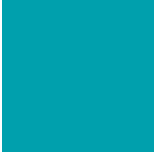
This preview shows how white text looks on a background with the Hex color 4C90F7.

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](#).

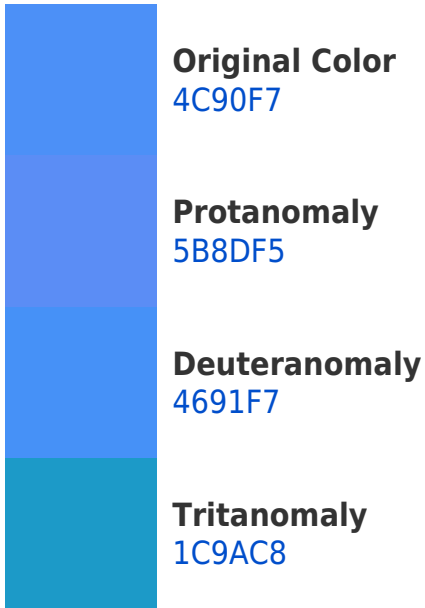
Dichromacy



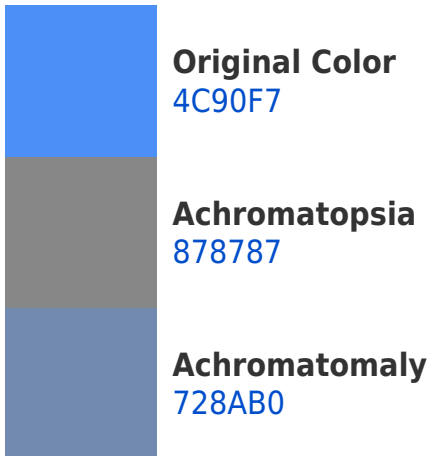


Tritanopia
00A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C90F7 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 #4C90F7 looks like.

```
.text, #text, p{  
    color:#4C90F7  
}
```

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 #4C90F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C90F7
}
```

Border

The CSS property to change the border of an element to Hex 4C90F7 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
#4C90F7 }
```

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

```
.border{ border-color:#4C90F7 }
```

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

Here you see how a box with a 4 pixel #4C90F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C90F7; -webkit-box-shadow:4px 4px  
4px 4px #4C90F7; box-shadow:4px 4px 4px  
4px #4C90F7 }
```

Background

The CSS property to change the background color of an element to Hex 4C90F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C90F7 }
```

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

```
.background{ background-color:#4C90F7 }
```

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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