

Converting Colors

Hex(4FA8F0)

Have a look what the booklet for
Hex(4FA8F0) contains.

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Color

Hex(4FA8F0)

Conversions

Conversions Part 1

Format	Color
Hex	4FA8F0
RGB	79, 168, 240
RGB Percent	31%, 66%, 94%
CMY	0.6902, 0.3412, 0.0588
CMYK	0.67, 0.30, 0.00, 0.06
HSL	207°, 84%, 63%
HSV	207°, 67%, 94%
XYZ	32.9553, 35.9588, 87.6419
YIQ	149.5970, -76.1560, 3.5240

Conversions

Conversions Part 2

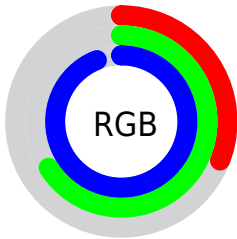
Format	Color
R _Y B	79, 136, 240
Decimal	5220592
CIE Lab	66.49, -4.29, -43.82
CIE LCh	66, 44.031, 264.408
Yxy	35.9588, 0.2105, 0.2297
Android (android.graphics.Color)	4283410672 (0xFF4FA8F0)
YUV	149.5970, 44.5687, -61.9136
Hunter-Lab	59.9657, -6.8419, -44.6784

Details

The Hex color **4FA8F0** is a light color, and the websafe version is hex **6699CC**. The color can be described as light washed azure. A complement of this color would be **F0974F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8FDFFF**, and **0074B8** is the 20% darker color. If you saturate the color by 10%, you get **379DF0**, and if you desaturate by 10%, it is **67B3F0**.

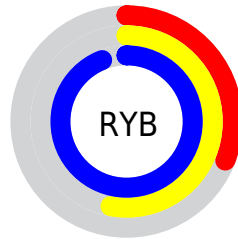
Distribution



Red (31%)

Green (66%)

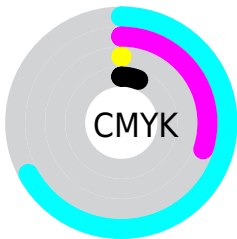
Blue (94%)



Red (31%)

Yellow (53%)

Blue (94%)

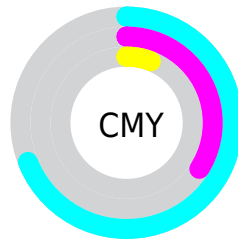


Cyan (67%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (69%)

Magenta (34%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA8F0 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 4FA8F0 by changing the saturation by 10% instead.

 4FA8F0

 4FA8F0

FFFFFF

 268ED3

 8FDFFF

 0074B8

 AEFBFF

 005C9C

 CCFFFF


 004582

 EAFFFF

 002F68

 001B50

 000538

 000222

 000008

 4FA8F0

 4FA8F0

 379DF0

 67B3F0

 1F93F0

 7FBDF0

 0788F0

 97C8F0

 0085F0

 AFD3F0

 C7DEF0

 DFE8F0

 F7F3F0

 FFFEF0

 FFFFF0

Harmonies

Analogous

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



00B1E1



4FA8F0



9A9AEA

Triad

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



4FA8F0



ED8483



6AB272

Complementary

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



4FA8F0



F0974F

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.



9AA957



4FA8F0



DE8F63

Square

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



4FA8F0



E882AB



C19D52



22B699

Rectangle

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



4FA8F0



BE90DA



C19D52



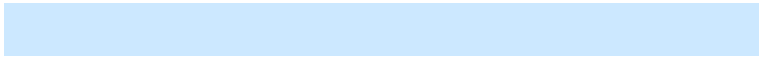
7BAF67

Sweetspot

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



4FA8F0



CCE8FF



4FF095



617280



000000



808080

Same Dimension

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



4FA8F0



30A3FF



4F5AF0



6C7278



0065B8



001F38

Inverse Universe

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



F04FA8



FF30A3



F0E54F



786C72



B80065



38001F

Previews

White Background



This preview shows how the Hex color 4FA8F0 looks on a white background.

Color Contrast Check

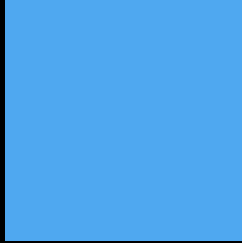
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4FA8F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

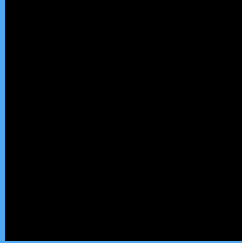
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

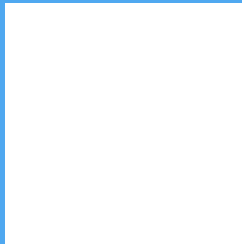
Any Text WCAG AAA ✓ Pass

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

Hex 4FA8F0 Background



This preview shows how black text looks on a background with the Hex color 4FA8F0.



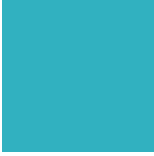
This preview shows how white text looks on a background with the Hex color 4FA8F0.

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](#).

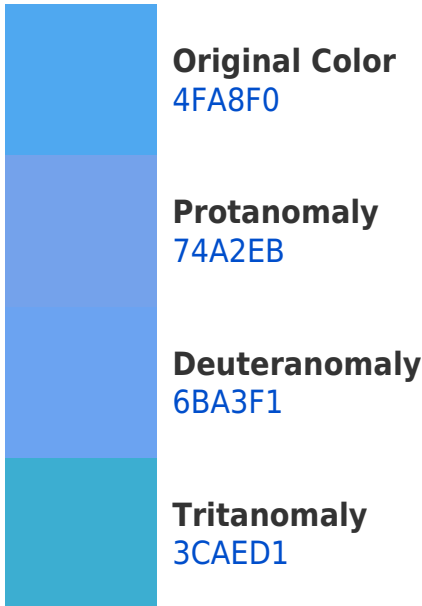
Dichromacy



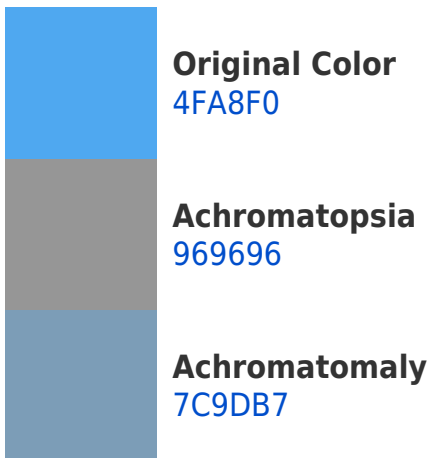


Tritanopia
31B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA8F0 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 #4FA8F0 looks like.

```
.text, #text, p{  
    color:#4FA8F0  
}
```

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 #4FA8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA8F0
}
```

Border

The CSS property to change the border of an element to Hex 4FA8F0 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
#4FA8F0 }
```

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

```
.border{ border-color:#4FA8F0 }
```

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

Here you see how a box with a 4 pixel #4FA8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA8F0; -webkit-box-shadow:4px 4px  
4px 4px #4FA8F0; box-shadow:4px 4px 4px  
4px #4FA8F0 }
```

Background

The CSS property to change the background color of an element to Hex 4FA8F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA8F0 }
```

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

```
.background{ background-color:#4FA8F0 }
```

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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