

# Converting Colors

Hex(3FA3F7)

Have a look what the booklet for  
Hex(3FA3F7) contains.

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# Color

Hex(3FA3F7)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FA3F7
RGB	63, 163, 247
RGB Percent	25%, 64%, 97%
CMY	0.7529, 0.3608, 0.0314
CMYK	0.74, 0.34, 0.00, 0.03
HSL	207°, 92%, 61%
HSV	207°, 74%, 97%
XYZ	31.9356, 33.9665, 92.8687
YIQ	142.6760, -86.5640, 4.9240

# Conversions

## Conversions Part 2

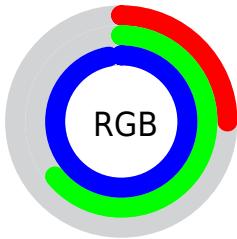
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 128, 247
Decimal	4170743
CIE <sub>Lab</sub>	64.94, -1.26, -50.13
CIE <sub>LCh</sub>	65, 50.141, 268.560
Yxy	33.9665, 0.2011, 0.2139
Android (android.graphics.Color)	4282360823 (0xFF3FA3F7)
YUV	142.6760, 51.4317, -69.8759
Hunter-Lab	58.2808, -4.1805, -53.6802

# Details

The Hex color **3FA3F7** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F7933F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **85DAFF**, and **0070BE** is the 20% darker color. If you saturate the color by 10%, you get **2698F7**, and if you desaturate by 10%, it is **58AEF7**.

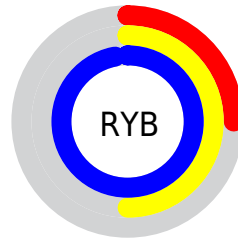
# Distribution



Red (25%)

Green (64%)

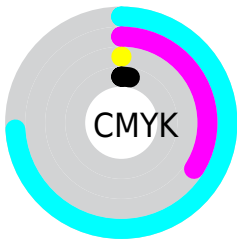
Blue (97%)



Red (25%)

Yellow (50%)

Blue (97%)

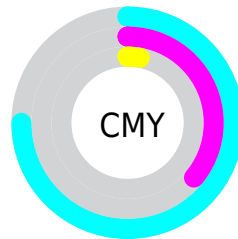


Cyan (74%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (75%)

Magenta (36%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FA3F7 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 3FA3F7 by changing the saturation by 10% instead.



 3FA3F7

 3FA3F7

FFFFFF

 0089DA

 85DAFF

 0070BE

 A4F6FF

 0058A3

 C4FFFF

 004188

 E3FFFF

 002C6E

 001855

 00063D

 000327

 000110

■ 3FA3F7

■ 3FA3F7

■ 2698F7

■ 58AEF7

■ 0E8CF7

■ 70BAF7

■ 0086F7

■ 89C5F7

■ A2D0F7

■ BBDBF7

■ D3E7F7

■ ECF2F7

■ FFFDF7

■ FFFFF7

# Harmonies

## Analogous

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



00AEE9



3FA3F7



9D93EC

# Triad

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



3FA3F7



F07B75



53B06D

# Complementary

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



3FA3F7



F7933F

# 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.



8CA84B



3FA3F7



DC8A52

# Square

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



3FA3F7



EE77A2



B99A40



00B49A

# Rectangle

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



3FA3F7



C487D9



B99A40



68AE60

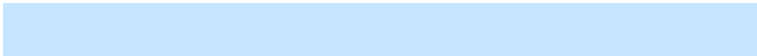


# Sweetspot

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



3FA3F7



C7E5FF



3FF792



5E7080



000000



808080



# Same Dimension

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



3FA3F7



1C97FF



3F48F7



6E757A



0065BA



00203B



# Inverse Universe

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



F73FA3



FF1C97



F7EE3F



7A6E75



BA0065



3B0020



# Previews

## White Background



This preview shows how the Hex color 3FA3F7 looks on a white background.

## Color Contrast Check

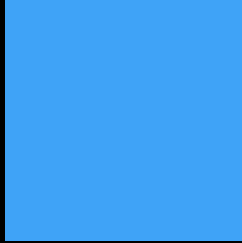
Large Text (above 18pt) WCAG AA × Fail

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 3FA3F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

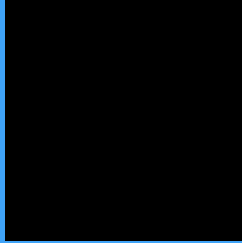
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

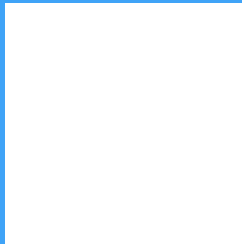
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FA3F7 Background



This preview shows how black text looks on a background with the Hex color 3FA3F7.

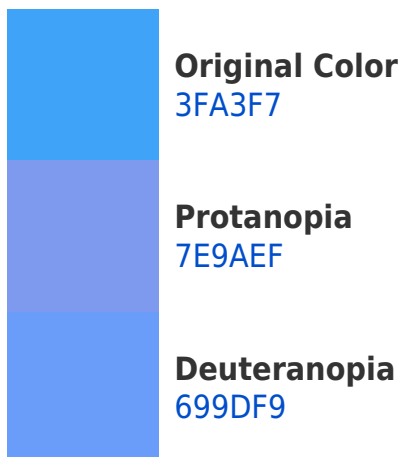


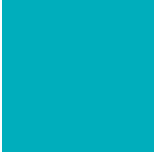
This preview shows how white text looks on a background with the Hex color 3FA3F7.

# 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](#).

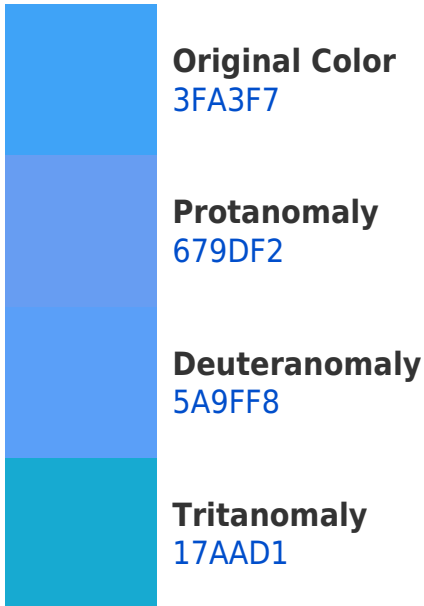
## Dichromacy



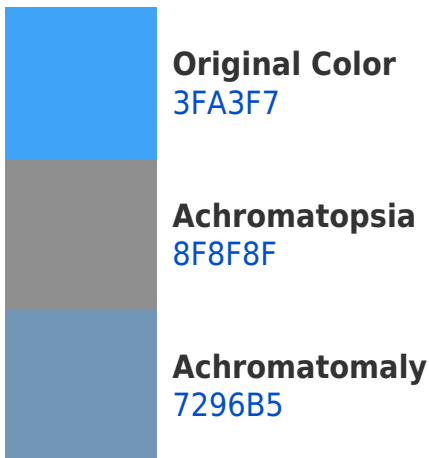


**Tritanopia**  
00AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FA3F7 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 #3FA3F7 looks like.

```
.text, #text, p{  
    color:#3FA3F7  
}
```

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 #3FA3F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA3F7
}
```

## Border

The CSS property to change the border of an element to Hex 3FA3F7 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
#3FA3F7 }
```

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

```
.border{ border-color:#3FA3F7 }
```

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

Here you see how a box with a 4 pixel #3FA3F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA3F7; -webkit-box-shadow:4px 4px  
4px 4px #3FA3F7; box-shadow:4px 4px 4px  
4px #3FA3F7 }
```

# Background

The CSS property to change the background color of an element to Hex 3FA3F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA3F7 }
```

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

```
.background{ background-color:#3FA3F7 }
```

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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