

# Converting Colors

Hex(37A8F3)

Have a look what the booklet for  
Hex(37A8F3) contains.

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# **Color**

**Hex(37A8F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	37A8F3
RGB	55, 168, 243
RGB Percent	22%, 66%, 95%
CMY	0.7843, 0.3412, 0.0471
CMYK	0.77, 0.31, 0.00, 0.05
HSL	204°, 89%, 58%
HSV	204°, 77%, 95%
XYZ	31.7558, 35.2886, 89.9317
YIQ	142.7630, -91.4230, -0.6310

# Conversions

## Conversions Part 2

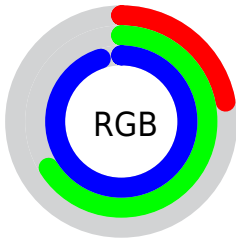
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 126, 243
Decimal	3647731
CIELab	65.97, -6.38, -46.32
CIELCh	66, 46.755, 262.155
Yxy	35.2886, 0.2023, 0.2248
Android (android.graphics.Color)	4281837811 (0xFF37A8F3)
YUV	142.7630, 49.4168, -76.9682
Hunter-Lab	59.4042, -8.5361, -48.1759

# Details

The Hex color **37A8F3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F38237**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **80DFFF**, and **0074BA** is the 20% darker color. If you saturate the color by 10%, you get **1F9EF3**, and if you desaturate by 10%, it is **4FB2F3**.

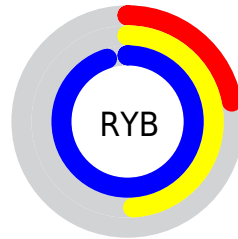
# Distribution



Red (22%)

Green (66%)

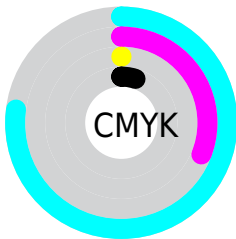
Blue (95%)



Red (22%)

Yellow (49%)

Blue (95%)

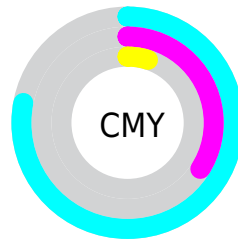


Cyan (77%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (34%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37A8F3 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 37A8F3 by changing the saturation by 10% instead.



■ 37A8F3

■ 37A8F3

FFFFFF

■ 008ED6

■ 80DFFF

■ 0074BA

■ 9FFBFF

■ 005C9F

■ BFFFFFF

■ 004585

■ DEFFFF

■ 002F6B

■ FDFFFF

■ 001B52

■ 00063B

■ 000224

■ 00000C

■ 37A8F3

■ 37A8F3

■ 1F9EF3

■ 4FB2F3

■ 0695F3

■ 68BBF3

■ 0092F3

■ 80C5F3

■ 98CFF3

■ B0D8F3

■ C9E2F3

■ E1ECF3

■ F9F6F3

■ FFFFF3

# Harmonies

## Analogous

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



00B1E2



37A8F3



929AEE

# Triad

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



37A8F3



EF7F83



69B06B

# Complementary

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



37A8F3



F38237

# 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.



9BA750



37A8F3



E18B5F

# Square

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



37A8F3



E97EAD



C39A4B



0CB593

# Rectangle

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



37A8F3



BA8FDF



C39A4B



7BAE60

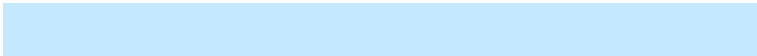


# Sweetspot

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



37A8F3



C4E8FF



37F37F



5C7180



000000



808080

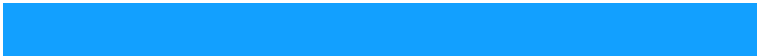


# Same Dimension

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



37A8F3



12A0FF



374DF3



6E767A



0070BA



00233B



# Inverse Universe

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



F337A8



FF12A0



F3DD37



7A6E76



BA0070



3B0023



# Previews

## White Background



This preview shows how the Hex color 37A8F3 looks on a white background.

## Color Contrast Check

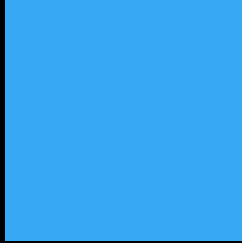
Large Text (above 18pt) WCAG AA × Fail

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 37A8F3 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

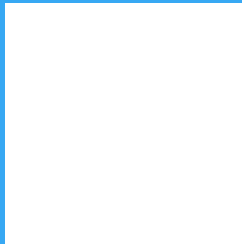
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 37A8F3 Background



This preview shows how black text looks on a background with the Hex color 37A8F3.

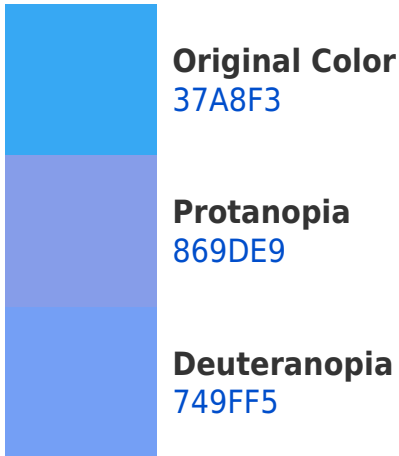


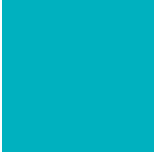
This preview shows how white text looks on a background with the Hex color 37A8F3.

# 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](#).

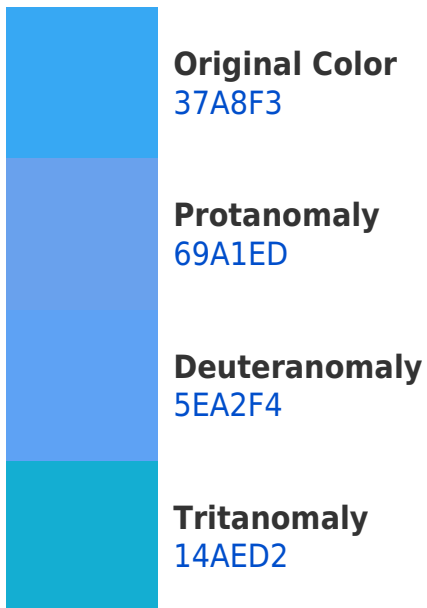
## Dichromacy



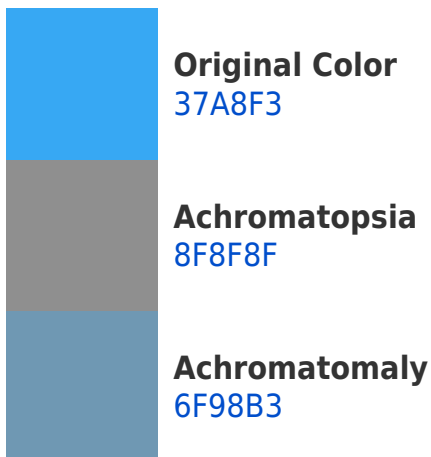


**Tritanopia**  
00B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37A8F3 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 #37A8F3 looks like.

```
.text, #text, p{  
    color:#37A8F3  
}
```

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 #37A8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A8F3
}
```

## Border

The CSS property to change the border of an element to Hex 37A8F3 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
#37A8F3 }
```

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

```
.border{ border-color:#37A8F3 }
```

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

Here you see how a box with a 4 pixel #37A8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A8F3; -webkit-box-shadow:4px 4px  
4px 4px #37A8F3; box-shadow:4px 4px 4px  
4px #37A8F3 }
```

# Background

The CSS property to change the background color of an element to Hex 37A8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A8F3 }
```

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

```
.background{ background-color:#37A8F3 }
```

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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