

# Converting Colors

Hex(37EAFA)

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

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# **Color**

**Hex(37EAFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37EAFA
RGB	55, 234, 250
RGB Percent	22%, 92%, 98%
CMY	0.7843, 0.0824, 0.0196
CMYK	0.78, 0.06, 0.00, 0.02
HSL	185°, 95%, 60%
HSV	185°, 78%, 98%
XYZ	48.2537, 66.5600, 100.7466
YIQ	182.3030, -111.8200, -32.9720

# Conversions

## Conversions Part 2

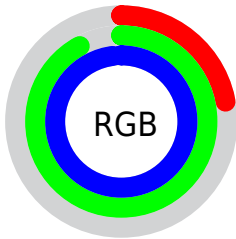
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 148, 250
Decimal	3664634
CIELab	85.28, -37.68, -20.27
CIELCh	85, 42.788, 208.270
Yxy	66.5600, 0.2239, 0.3088
Android (android.graphics.Color)	4281854714 (0xFF37EAFA)
YUV	182.3030, 33.3746, -111.6447
Hunter-Lab	81.5843, -37.1973, -16.1069

# Details

The Hex color **37EAFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA4737**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **86FFFF**, and **00B2C2** is the 20% darker color. If you saturate the color by 10%, you get **1EE8FA**, and if you desaturate by 10%, it is **50ECFA**.

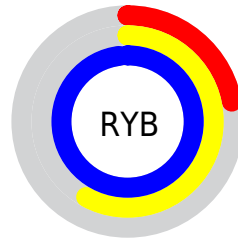
# Distribution



Red (22%)

Green (92%)

Blue (98%)



Red (22%)

Yellow (58%)

Blue (98%)

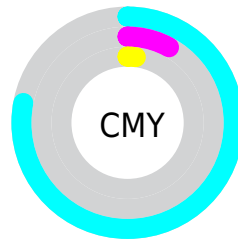


Cyan (78%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (8%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 37EAFA

 37EAFA


FFFFFF

 00CEDD

 86FFFF

 00B2C2

 A7FFFF

 0097A6

 C7FFFF

 007C8C

 E7FFFF

 006372

 004A5A

 003242

 001D2C

 000118

 37EAFA

 37EAFA

 1EE8FA

 50ECFA

 05E6FA

 69EEFA

 00E5FA

 82F0FA

 9BF2FA

 B4F4FA

 CDF6FA

 E6F8FA

 FFFAFA

 FFFCFA

# Harmonies

## Analogous

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



64EBD1



37EAFA



54E4FF

# Triad

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



37EAFA



FFBEFF



F2D284

# Complementary

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



37EAFA



FA4737

# 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.



FFC491



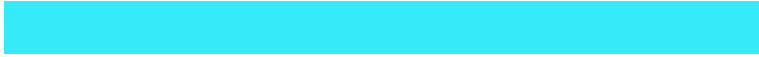
37EAFA



FFB6D9

# Square

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



37EAFA



D7CBFF



FFB9B1



C8DE8C

# Rectangle

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



37EAFA



81DEFF



FFB9B1



FECD86



# Sweetspot

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



37EAFA



C4FAFF



37FA44



5C7D80



000000



808080



# Same Dimension

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



37EAFA



0FEBFF



378CFA



707C7D



00ADB8



00383D



# Inverse Universe

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



FA37EA



FF0FEB



FAA537



7D707C



BD00AD

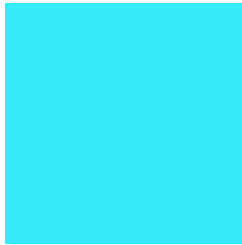


3D0038



# Previews

## White Background



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

## Color Contrast Check

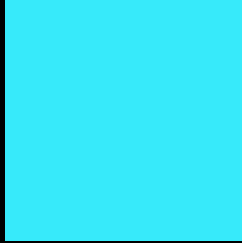
Large Text (above 18pt) WCAG AA × Fail

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 37EAFA 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 37EAFA Background



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

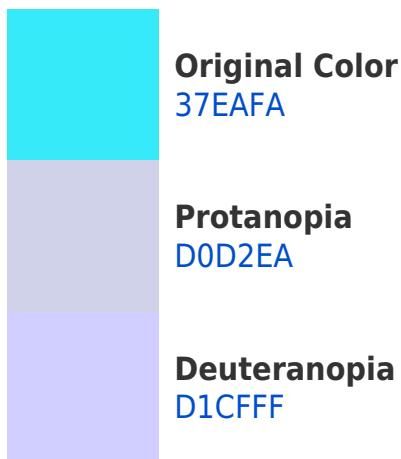


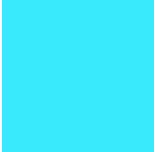
This preview shows how white text looks on a background with the Hex color 37EAFA.

# 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



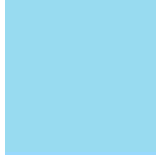


**Tritanopia**  
39EAFD

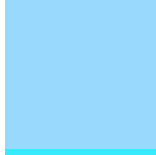
# Trichromacy



**Original Color**  
37EAFA



**Protanomaly**  
98DBF0



**Deuteranomaly**  
99D9FD

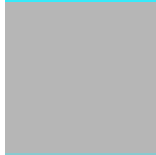


**Tritanomaly**  
38EAFC

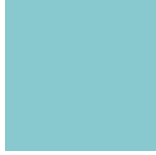
# Monochromacy



**Original Color**  
37EAFA



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
88C9CF

# CSS Examples

## Text

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

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

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 #37EAFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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