

# Converting Colors

Hex(37ACFF)

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

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# **Color**

**Hex(37ACFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37ACFF
RGB	55, 172, 255
RGB Percent	22%, 67%, 100%
CMY	0.7843, 0.3255, 0.0000
CMYK	0.78, 0.33, 0.00, 0.00
HSL	205°, 100%, 61%
HSV	205°, 78%, 100%
XYZ	34.3781, 37.5373, 100.0412
YIQ	146.4790, -96.3750, 1.0090

# Conversions

## Conversions Part 2

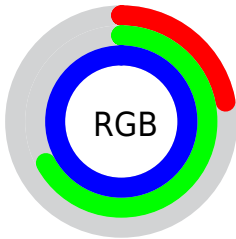
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	55, 129, 255
Decimal	3648767
CIE Lab	67.68, -4.43, -50.16
CIE LCh	68, 50.356, 264.947
Yxy	37.5373, 0.1999, 0.2183
Android (android.graphics.Color)	4281838847 (0xFF37ACFF)
YUV	146.4790, 53.5009, -80.2271
Hunter-Lab	61.2677, -7.0598, -53.9246

# Details

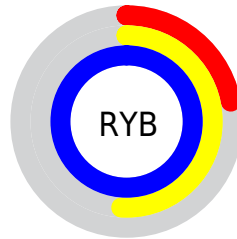
The Hex color **37ACFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF8A37**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **82E3FF**, and **0078C6** is the 20% darker color. If you saturate the color by 10%, you get **1DA1FF**, and if you desaturate by 10%, it is **51B7FF**.

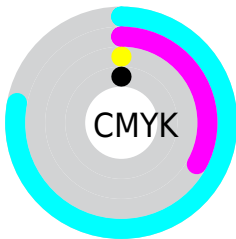
# Distribution



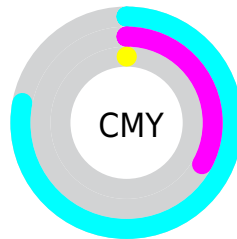
- Red (22%)
- Green (67%)
- Blue (100%)



- Red (22%)
- Yellow (51%)
- Blue (100%)



- Cyan (78%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 37ACFF

 37ACFF

FFFFFF

 0092E2

 82E3FF

 0078C6

 A2FFFF

 0060AA

 C2FFFF

 00488F

 E1FFFF

 003375

 001F5C

 000744

 00032D

 000117

 37ACFF

 37ACFF

 1DA1FF

 51B7FF

 0497FF

 6AC1FF

 0095FF

 84CCFF

 9DD6FF

 B6E1FF

 D0EBFF

 EAF6FF

FFFFFF

# Harmonies

## Analogous

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



00B7EE



37ACFF



9C9CF7

# Triad

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



37ACFF



F98181



62B76F

# Complementary

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



37ACFF



FF8A37

# 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.



9AAE4F



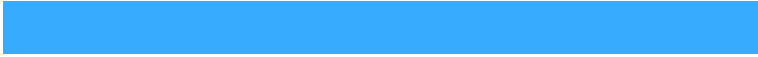
37ACFF



E88F5C

# Square

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



37ACFF



F47FAE



C6A048



00BB9B

# Rectangle

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



37ACFF



C590E6



C6A048



76B462

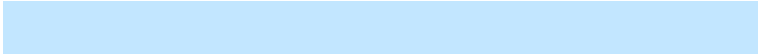


# Sweetspot

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



37ACFF



C2E6FF



37FF87



5B7080



000000



808080

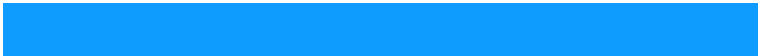


# Same Dimension

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



37ACFF



0F9CFF



374BFF



737A80



0070BF



002540



# Inverse Universe

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



FF37AC



FF0F9C



FFEB37



80737A



BF0070



400025



# Previews

## White Background



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

## Color Contrast Check

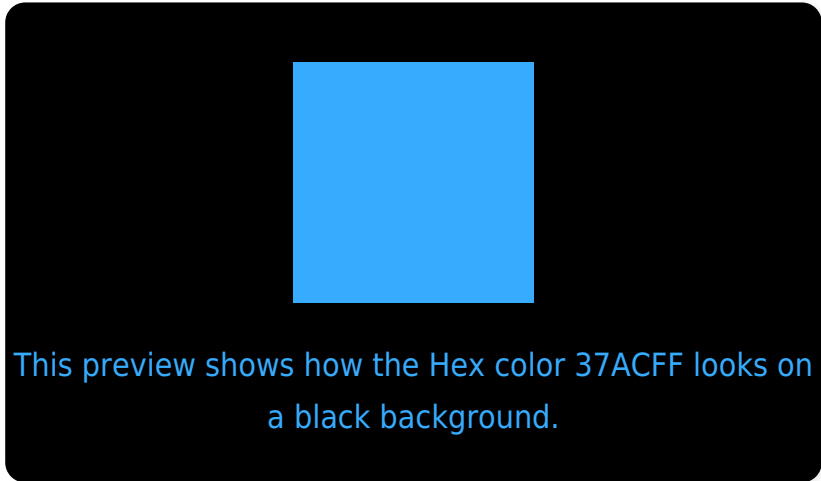
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

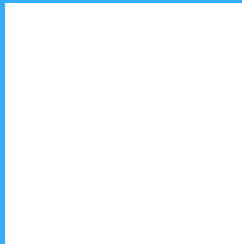
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 37ACFF Background



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

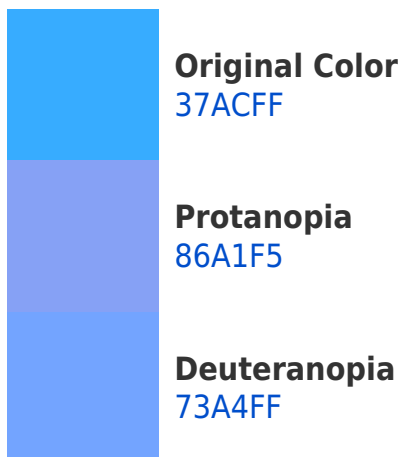


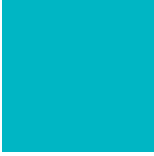
This preview shows how white text looks on a background with the Hex color 37ACFF.

# 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](#).

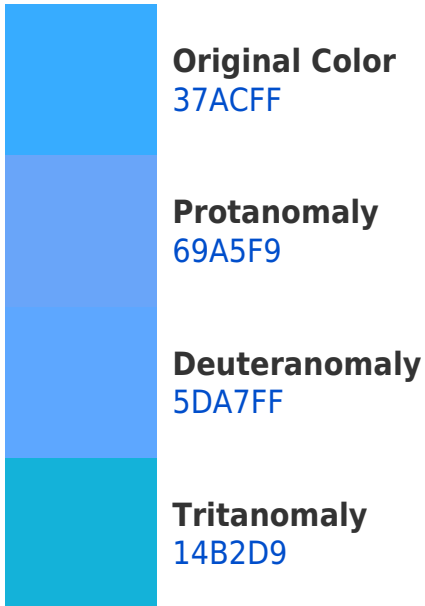
## Dichromacy



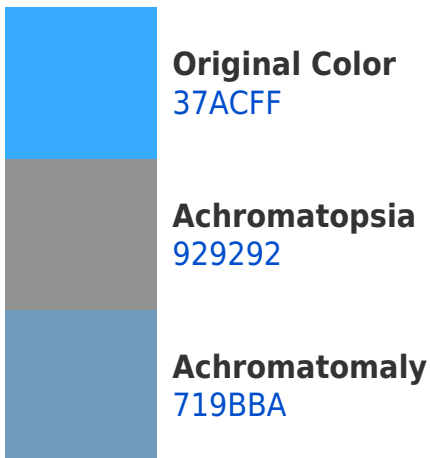


**Tritanopia**  
00B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #37ACFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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