

# Converting Colors

Hex(37CCFF)

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

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# **Color**

**Hex(37CCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37CCFF
RGB	55, 204, 255
RGB Percent	22%, 80%, 100%
CMY	0.7843, 0.2000, 0.0000
CMYK	0.78, 0.20, 0.00, 0.00
HSL	195°, 100%, 61%
HSV	195°, 78%, 100%
XYZ	41.2184, 51.2180, 102.3214
YIQ	165.2630, -105.1750, -15.7270

# Conversions

## Conversions Part 2

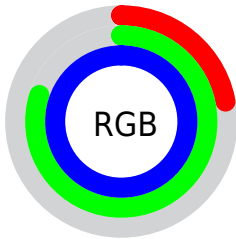
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 140, 255
Decimal	3656959
CIELab	76.81, -21.59, -35.88
CIELCh	77, 41.873, 238.968
Yxy	51.2180, 0.2116, 0.2630
Android (android.graphics.Color)	4281847039 (0xFF37CCFF)
YUV	165.2630, 44.2403, -96.7007
Hunter-Lab	71.5667, -22.4358, -34.6722

# Details

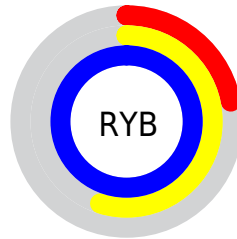
The Hex color **37CCFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6A37**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **83FFFF**, and **0096C6** is the 20% darker color. If you saturate the color by 10%, you get **1DC5FF**, and if you desaturate by 10%, it is **51D3FF**.

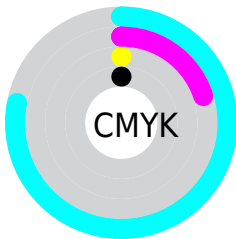
# Distribution



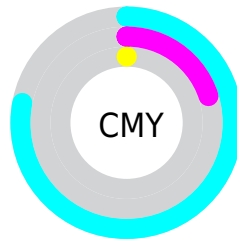
- Red (22%)
- Green (80%)
- Blue (100%)



- Red (22%)
- Yellow (55%)
- Blue (100%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 37CCFF

 37CCFF

FFFFFF

 00B0E2

 83FFFF

 0096C6

 A4FFFF

 007CAB

 C4FFFF

 006390

 E3FFFF

 004B76

 00345D

 002045

 00042F

 000119

 37CCFF

 37CCFF

 1DC5FF

 51D3FF

 04BFFF

 6AD9FF

 00BEFF

 84E0FF

 9DE6FF

 B6EDFF

 D0F3FF

 EAFAFF

FFFFFF

# Harmonies

## Analogous

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



00D1E2



37CCFF



82C2FF

# Triad

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



37CCFF



FF9FC0



B0C678

# Complementary

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



37CCFF



FF6A37

# 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.



D8BB6F



37CCFF



FFA29A

# Square

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



37CCFF



EDA7E6



F7AD7C



82CE94

# Rectangle

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



37CCFF



ADB9FF



F7AD7C



BEC373

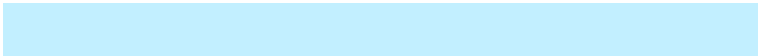


# Sweetspot

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



37CCFF



C2EFFF



37FF69



5B7680



000000



808080

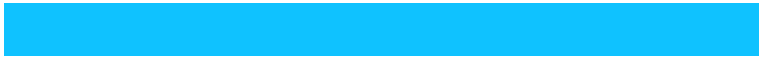


# Same Dimension

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



37CCFF



0FC2FF



3769FF



737C80



008EBF



002F40



# Inverse Universe

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



FF37CC



FF0FC2



FFCD37



80737C



BF008E

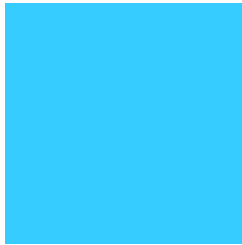


40002F



# Previews

## White Background



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

## Color Contrast Check

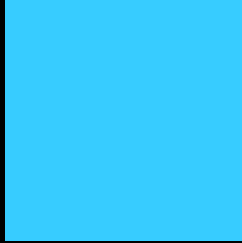
Large Text (above 18pt) WCAG AA × Fail

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 37CCFF 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

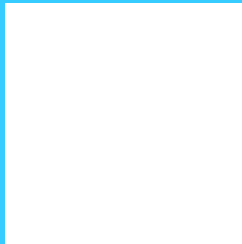
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 37CCFF Background



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

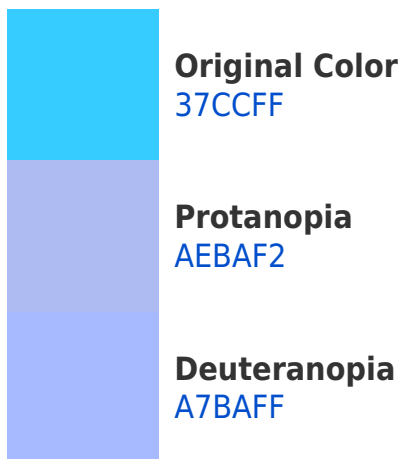


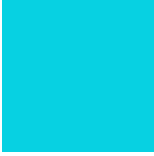
This preview shows how white text looks on a background with the Hex color 37CCFF.

# 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](#).

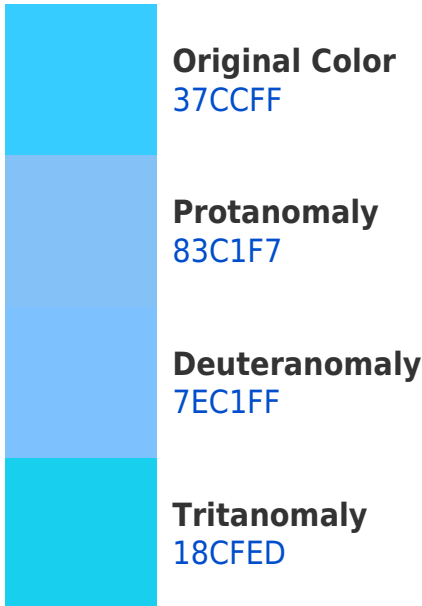
## Dichromacy



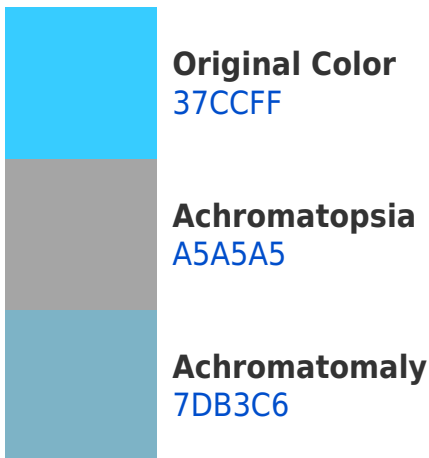


**Tritanopia**  
07D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #37CCFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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