

Converting Colors

Hex(37FBBF)

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

Hex(37FBBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(37FBBF)

Conversions

Conversions Part 1

Format	Color
Hex	37FBBF
RGB	55, 251, 191
RGB Percent	22%, 98%, 75%
CMY	0.7843, 0.0157, 0.2510
CMYK	0.78, 0.00, 0.24, 0.02
HSL	162°, 96%, 60%
HSV	162°, 78%, 98%
XYZ	45.4767, 73.5682, 61.0934
YIQ	185.5560, -97.5560, -60.2120

Conversions

Conversions Part 2

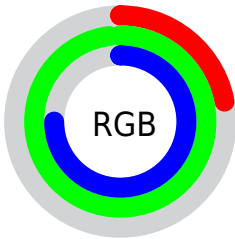
Format	Color
RYB	55, 171, 251
Decimal	3668927
CIELab	88.72, -60.30, 15.59
CIELCh	89, 62.284, 165.505
Yxy	73.5682, 0.2525, 0.4084
Android (android.graphics.Color)	4281859007 (0xFF37FBBF)
YUV	185.5560, 2.6839, -114.4976
Hunter-Lab	85.7719, -55.4592, 17.8094

Details

The Hex color **37FBBF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **FB3773**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **84FFF7**, and **00C189** is the 20% darker color. If you saturate the color by 10%, you get **1EFBB7**, and if you desaturate by 10%, it is **50FBC7**.

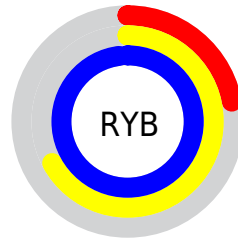
Distribution



Red (22%)

Green (98%)

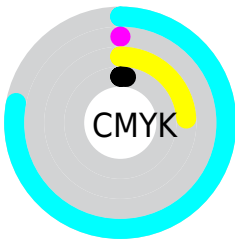
Blue (75%)



Red (22%)

Yellow (67%)

Blue (98%)

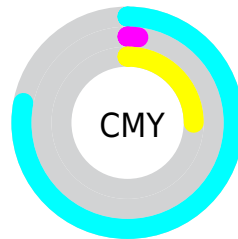


Cyan (78%)

Magenta (0%)

Yellow (24%)

Black (2%)



Cyan (78%)

Magenta (2%)

Yellow (25%)

Brightness & Saturation Gradients

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

 37FBBF

FFFFFF

 84FFF7

 A5FFFF

 C4FFFF

 E4FFFF

 37FBBF

 00DEA4

 00C189

 00A570

 008A57

 006F40

 00552A

 003D15

 002500

 000000

 37FBBF

 37FBBF

 1EFBB7

 50FBC7

 05FBB0

 69FBCE

 00FBAE

 82FBD6

 9BFBDE

 B5FBE5

 CEFBED

 E7FBF5

 FFFBFC

 FFFBFF

Harmonies

Analogous

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



A1F388



37FBBF



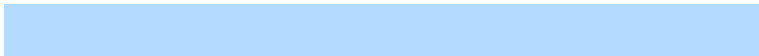
00FDFD

Triad

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



37FBBF



B3DAFF



FFBC8C

Complementary

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



37FBBF



FB3773

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.



FFADC2



37FBBF



FFC3FF

Square

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



37FBBF



00EDFF



FFB0FE



FFD16A

Rectangle

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



37FBFF



00FBFF



FFB0FE



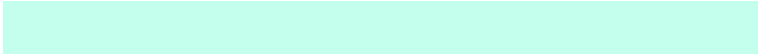
FFB59D

Sweetspot

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



37FBBF



C4FFED



75FB37



5C8075



000000



808080

Same Dimension

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



37FBBF



0FFFB6



37D7FB



707D79



00BD83



003D2A

Inverse Universe

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



FB3773



FF0F59



FB5B37



7D7074



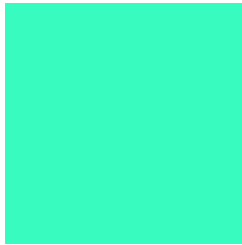
BD003A



3D0013

Previews

White Background



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

Color Contrast Check

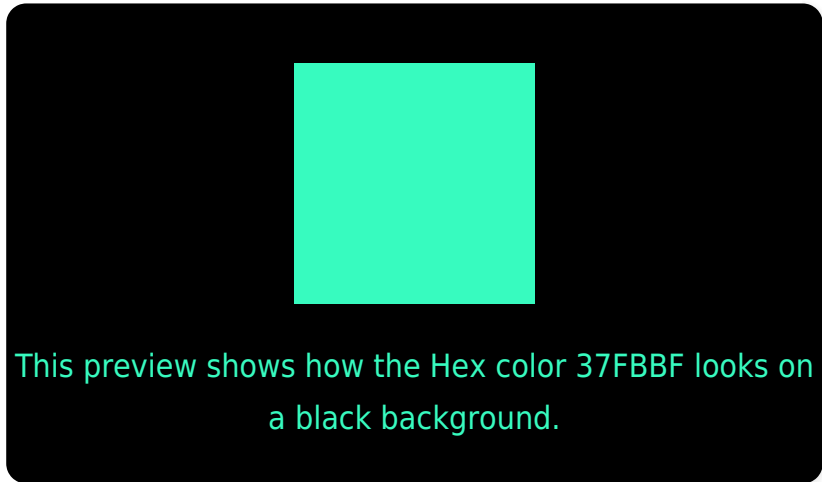
Large Text (above 18pt) WCAG AA × Fail

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

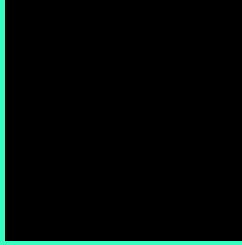
Any Text WCAG AA ✓ Pass

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 37FBBF Background



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

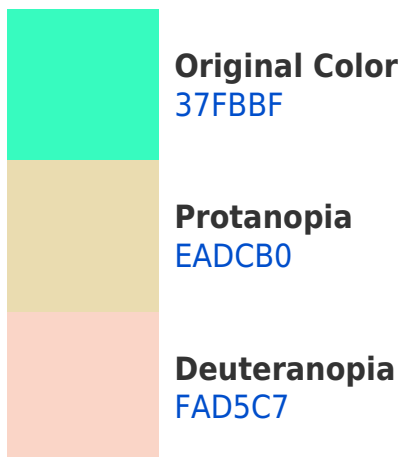


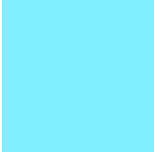
This preview shows how white text looks on a background with the Hex color 37FBBF.

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](#).

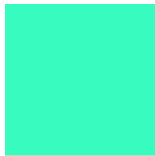
Dichromacy



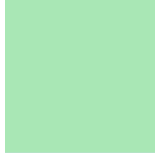


Tritanopia
7FEEFF

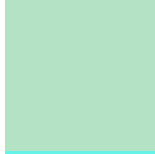
Trichromacy



Original Color
37FBBF



Protanomaly
A9E7B5



Deuteranomaly
B3E3C4

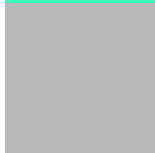


Tritanomaly
65F3E8

Monochromacy



Original Color
37FBBF



Achromatopsia
BABABA



Achromatomaly
8AD2BC

CSS Examples

Text

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

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

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 #37FBBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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