

Converting Colors

Hex(37F74E)

Have a look what the booklet for
Hex(37F74E) contains.

Hex(37F74E)	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(37F74E)

Conversions

Conversions Part 1

Format	Color
Hex	37F74E
RGB	55, 247, 78
RGB Percent	22%, 97%, 31%
CMY	0.7843, 0.0314, 0.6941
CMYK	0.78, 0.00, 0.68, 0.03
HSL	127°, 92%, 59%
HSV	127°, 78%, 97%
XYZ	36.2115, 67.8838, 18.4021
YIQ	170.3260, -60.1830, -93.2630

Conversions

Conversions Part 2

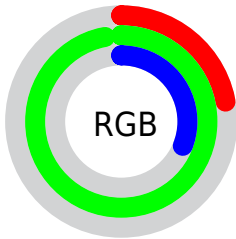
Format	Color
R _{YB}	55, 226, 247
Decimal	3667790
CIE Lab	85.95, -76.96, 65.20
CIE LCh	86, 100.864, 139.732
Yxy	67.8838, 0.2956, 0.5542
Android (android.graphics.Color)	4281857870 (0xFF37F74E)
YUV	170.3260, -45.5167, -101.1409
Hunter-Lab	82.3916, -65.7339, 44.4318

Details

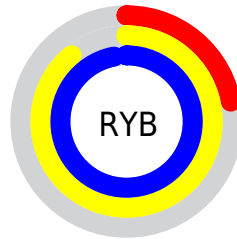
The Hex color **37F74E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F737E0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **84FF87**, and **00BD01** is the 20% darker color. If you saturate the color by 10%, you get **1EF738**, and if you desaturate by 10%, it is **50F764**.

Distribution



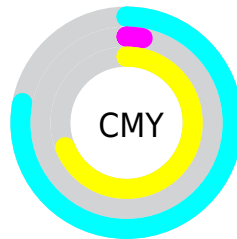
- Red (22%)
- Green (97%)
- Blue (31%)



- Red (22%)
- Yellow (89%)
- Blue (97%)



- Cyan (78%)
- Magenta (0%)
- Yellow (68%)
- Black (3%)



- Cyan (78%)
- Magenta (3%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37F74E 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 37F74E by changing the saturation by 10% instead.

 37F74E

 37F74E

FFFFFF

 00DA30

 84FF87

 00BD01

 A5FFA3

 00A100

 C5FFBF

 008500

 E5FFDD

 006A00

 FFFFFA

 005000

 003800

 001D00

 000000

 37F74E

 37F74E

 1EF738

 50F764

 06F723

 68F779

 00F71E

 81F78F

 9AF7A5

 B3F7BB

 CBF7D0

 E4F7E6

 FDF7FC

 FFF7FF

Harmonies

Analogous

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



C6E500



37F74E



00FFB2

Triad

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



37F74E



00ECFF



FF719D

Complementary

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



37F74E



F737E0

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.



FF70FC



37F74E



83CCFF

Square

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



37F74E



00DFF



FF9DFF



FF9C42

Rectangle

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



37F74E



00FFF5



FF9DFF



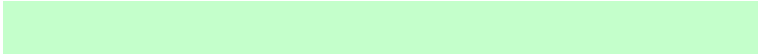
FF6ABC

Sweetspot

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



37F74E



C4FFCB



E1F737



5C8060



000000



808080

Same Dimension

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



37F74E



12FF2E



37F7AD



6E7A70



00BA16



003B07

Inverse Universe

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



F737E0



FF12E3



F73781



7A6E79



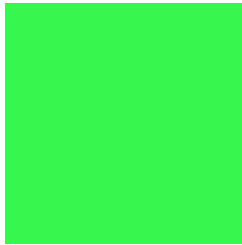
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 37F74E looks on a white background.

Color Contrast Check

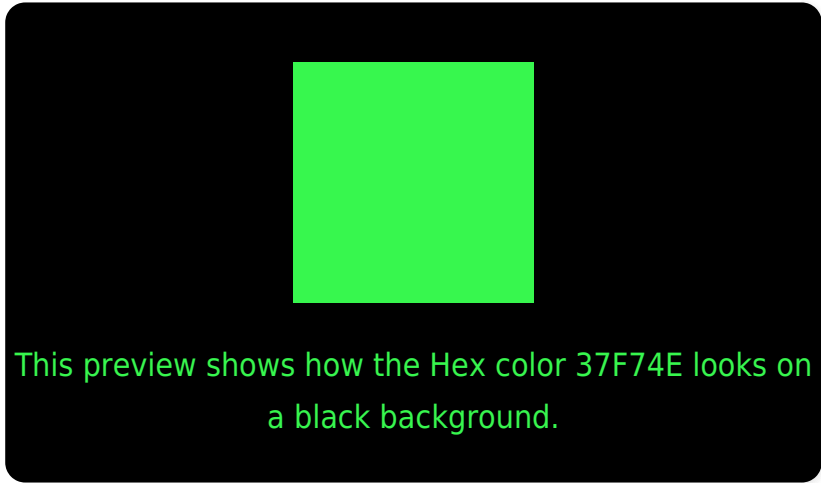
Large Text (above 18pt) WCAG AA × Fail

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 37F74E Background



This preview shows how black text looks on a background with the Hex color 37F74E.

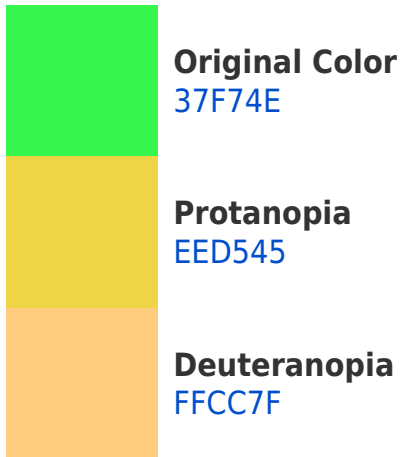


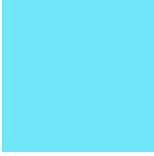
This preview shows how white text looks on a background with the Hex color 37F74E.

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](#).

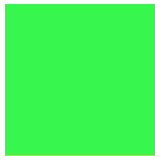
Dichromacy





Tritanopia
70E7F9

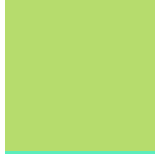
Trichromacy



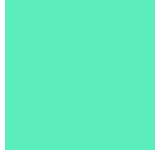
Original Color
37F74E



Protanomaly
ABE148

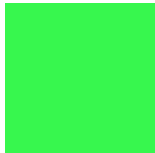


Deuteranomaly
B6DC6D

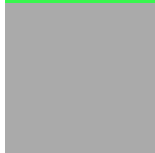


Tritanomaly
5BEDBB

Monochromacy



Original Color
37F74E



Achromatopsia
AAAAAA



Achromatomaly
80C689

CSS Examples

Text

The CSS property to change the color of the text to Hex 37F74E 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 #37F74E looks like.

```
.text, #text, p{  
    color:#37F74E  
}
```

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 #37F74E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37F74E
}
```

Border

The CSS property to change the border of an element to Hex 37F74E 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
#37F74E }
```

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

```
.border{ border-color:#37F74E }
```

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

Here you see how a box with a 4 pixel #37F74E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37F74E; -webkit-box-shadow:4px 4px  
4px 4px #37F74E; box-shadow:4px 4px 4px  
4px #37F74E }
```

Background

The CSS property to change the background color of an element to Hex 37F74E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37F74E }
```

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

```
.background{ background-color:#37F74E }
```

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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