

Converting Colors

Hex(37F69C)

Have a look what the booklet for
Hex(37F69C) contains.

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Color

Hex(37F69C)

Conversions

Conversions Part 1

Format	Color
Hex	37F69C
RGB	55, 246, 156
RGB Percent	22%, 96%, 61%
CMY	0.7843, 0.0353, 0.3882
CMYK	0.78, 0.00, 0.37, 0.04
HSL	152°, 91%, 59%
HSV	152°, 78%, 96%
XYZ	40.5321, 69.1241, 42.6585
YIQ	178.6310, -84.9460, -68.4820

Conversions

Conversions Part 2

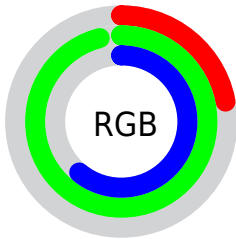
Format	Color
R _{YB}	55, 180, 246
Decimal	3667612
CIE _{Lab}	86.57, -65.74, 30.49
CIE _{LCh}	87, 72.471, 155.118
Yxy	69.1241, 0.2661, 0.4538
Android (android.graphics.Color)	4281857692 (0xFF37F69C)
YUV	178.6310, -11.1571, -108.4244
Hunter-Lab	83.1409, -58.4759, 27.7777

Details

The Hex color **37F69C** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F63791**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **82FFD3**, and **00BC68** is the 20% darker color. If you saturate the color by 10%, you get **1EF690**, and if you desaturate by 10%, it is **50F6A8**.

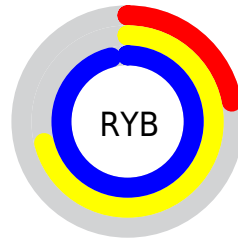
Distribution



Red (22%)

Green (96%)

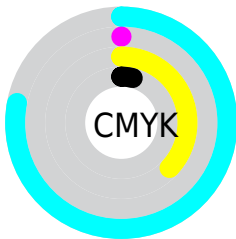
Blue (61%)



Red (22%)

Yellow (71%)

Blue (96%)

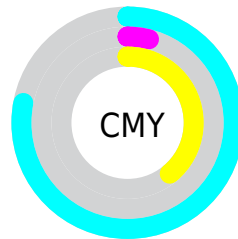


Cyan (78%)

Magenta (0%)

Yellow (37%)

Black (4%)



Cyan (78%)

Magenta (4%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37F69C 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 37F69C by changing the saturation by 10% instead.

 37F69C

 37F69C

FFFFFF

 00D982

 82FFD3

 00BC68

 A3FFF0

 00A04F

 C2FFFF

 008537

 E2FFFF

 006A1F

 005006

 003800

 001F00

 000000

 37F69C

 37F69C

 1EF690

 50F6A8

 06F685

 68F6B3

 00F682

 81F6BF

 99F6CA

 B2F6D6

 CBF6E2

 E3F6ED

 FCF6F9

 FFF6FF

Harmonies

Analogous

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



ABEB61



37F69C



00FAE3

Triad

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



37F69C



5FDCFF



FFA68D

Complementary

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



37F69C



F63791

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.



FF9AD0



37F69C



EBC2FF

Square

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



37F69C



00EFFF



FFA6FF



FFC059

Rectangle

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



37F69C



00FAFF



FFA6FF



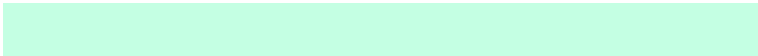
FFA0A2

Sweetspot

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



37F69C



C4FFE3



93F637



5C806F



000000



808080

Same Dimension

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



37F69C



12FF8F



37F3F6



6E7A75



00BA62



003B1F

Inverse Universe

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



F63791



FF1282



F63A37



7A6E74



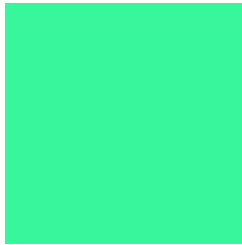
BA0058



3B001C

Previews

White Background



This preview shows how the Hex color 37F69C looks on a white background.

Color Contrast Check

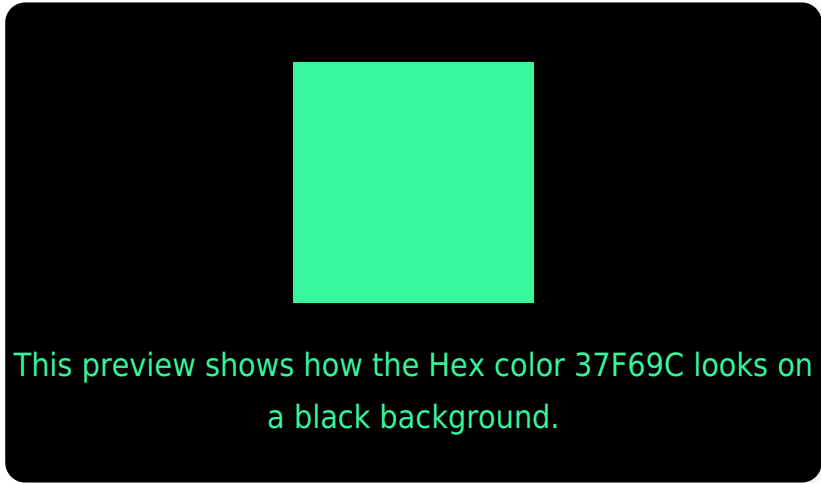
Large Text (above 18pt) WCAG AA × Fail

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

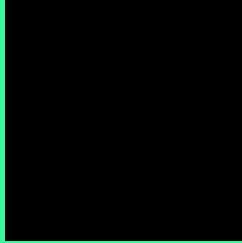
Any Text WCAG AA ✓ Pass

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 37F69C Background



This preview shows how black text looks on a background with the Hex color 37F69C.

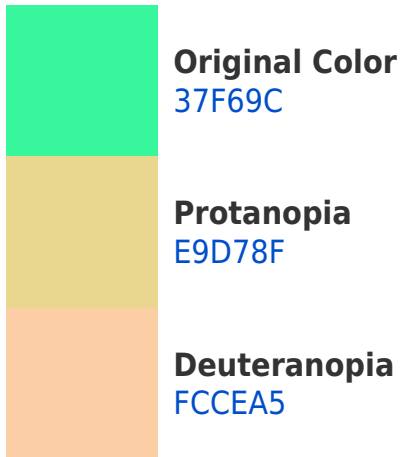


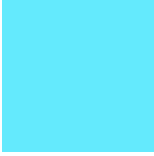
This preview shows how white text looks on a background with the Hex color 37F69C.

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
64EAFD

Trichromacy



Original Color
37F69C



Protanomaly
A8E294



Deuteranomaly
B4DDA2

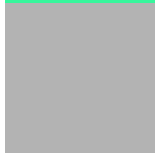


Tritanomaly
54EEDA

Monochromacy



Original Color
37F69C



Achromatopsia
B3B3B3



Achromatomaly
86CBAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 37F69C 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 #37F69C looks like.

```
.text, #text, p{  
    color:#37F69C  
}
```

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 #37F69C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37F69C
}
```

Border

The CSS property to change the border of an element to Hex 37F69C 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
#37F69C }
```

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

```
.border{ border-color:#37F69C }
```

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

Here you see how a box with a 4 pixel #37F69C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37F69C; -webkit-box-shadow:4px 4px  
4px 4px #37F69C; box-shadow:4px 4px 4px  
4px #37F69C }
```

Background

The CSS property to change the background color of an element to Hex 37F69C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37F69C }
```

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

```
.background{ background-color:#37F69C }
```

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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