

Converting Colors

Hex(37FE82)

Have a look what the booklet for
Hex(37FE82) contains.

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Color

Hex(37FE82)

Conversions

Conversions Part 1

Format	Color
Hex	37FE82
RGB	55, 254, 130
RGB Percent	22%, 100%, 51%
CMY	0.7843, 0.0039, 0.4902
CMYK	0.78, 0.00, 0.49, 0.00
HSL	143°, 99%, 61%
HSV	143°, 78%, 100%
XYZ	41.0466, 73.3076, 33.1055
YIQ	180.3630, -78.8000, -80.7520

Conversions

Conversions Part 2

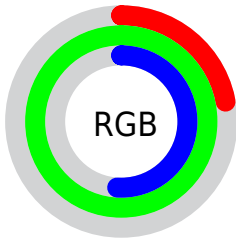
Format	Color
RYB	55, 200, 254
Decimal	3669634
CIELab	88.59, -72.90, 45.85
CIELCh	89, 86.122, 147.834
Yxy	73.3076, 0.2784, 0.4971
Android (android.graphics.Color)	4281859714 (0xFF37FE82)
YUV	180.3630, -24.8290, -109.9434
Hunter-Lab	85.6198, -64.2608, 37.0090

Details

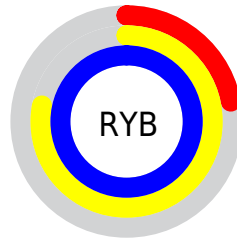
The Hex color **37FE82** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FE37B3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **84FFB9**, and **00C44E** is the 20% darker color. If you saturate the color by 10%, you get **1EFE72**, and if you desaturate by 10%, it is **50FE92**.

Distribution



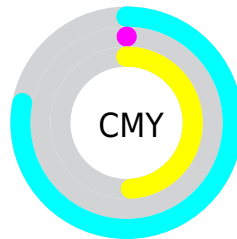
- Red (22%)
- Green (100%)
- Blue (51%)



- Red (22%)
- Yellow (78%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37FE82 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 37FE82 by changing the saturation by 10% instead.

 37FE82

FFFFFF

 84FFB9

 A5FFD5

 C5FFF2

 E5FFFF

 37FE82

 00E168

 00C44E

 00A734

 008C18

 007100

 005600

 003E00

 002400

 000000

 37FE82

 37FE82


 1EFE72

 50FE92

 04FE62

 6AFEA2

 00FE60

 83FEB1

 9DFEC1

 B6FED1

 CFFEE1

 E9FEF1

FFFEFF

Harmonies

Analogous

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



BCF03A



37FE82



00FFD6

Triad

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



37FE82



00EAF7



FF9897

Complementary

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



37FE82



FE37B3

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.



FF8EE8



37FE82



D2CBFF

Square

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



37FE82



00FCFF



FFA6FF



FFB850

Rectangle

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



37FE82



00FFFF



FFA6FF



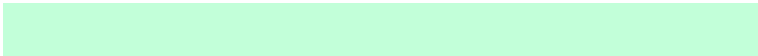
FF91B1

Sweetspot

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



37FE82



C2FFD9



B5FE37



5B8068



000000



808080

Same Dimension

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



37FE82



0FFF6A



37FEE3



738078



00BF48



004018

Inverse Universe

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



FE37B3



FF0FA5



FE3752



80737B



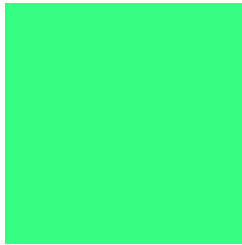
BF0077



400028

Previews

White Background



This preview shows how the Hex color 37FE82 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 37FE82 Background



This preview shows how black text looks on a background with the Hex color 37FE82.

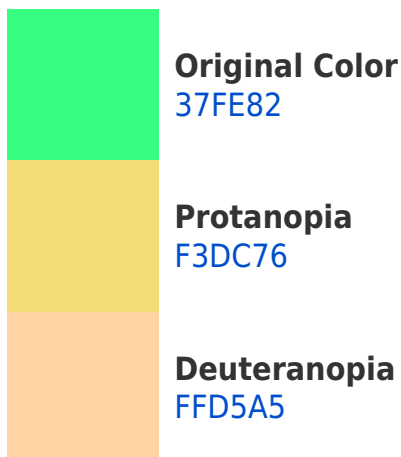


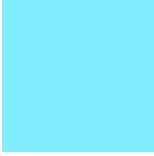
This preview shows how white text looks on a background with the Hex color 37FE82.

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
80EEFF

Trichromacy



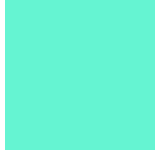
Original Color
37FE82



Protanomaly
AFE87A



Deuteranomaly
B6E498

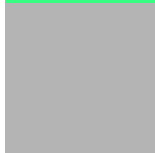


Tritanomaly
65F4D2

Monochromacy



Original Color
37FE82



Achromatopsia
B4B4B4



Achromatomaly
87CFA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 37FE82 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 #37FE82 looks like.

```
.text, #text, p{  
    color:#37FE82  
}
```

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 #37FE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37FE82
}
```

Border

The CSS property to change the border of an element to Hex 37FE82 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
#37FE82 }
```

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

```
.border{ border-color:#37FE82 }
```

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

Here you see how a box with a 4 pixel #37FE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37FE82; -webkit-box-shadow:4px 4px  
4px 4px #37FE82; box-shadow:4px 4px 4px  
4px #37FE82 }
```

Background

The CSS property to change the background color of an element to Hex 37FE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37FE82 }
```

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

```
.background{ background-color:#37FE82 }
```

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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