

Converting Colors

Hex(37AB4E)

Have a look what the booklet for
Hex(37AB4E) contains.

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Color

Hex(37AB4E)

Conversions

Conversions Part 1

Format	Color
Hex	37AB4E
RGB	55, 171, 78
RGB Percent	22%, 67%, 31%
CMY	0.7843, 0.3294, 0.6941
CMYK	0.68, 0.00, 0.54, 0.33
HSL	132°, 51%, 44%
HSV	132°, 68%, 67%
XYZ	17.5136, 30.4881, 12.1695
YIQ	125.7140, -39.2830, -53.5150

Conversions

Conversions Part 2

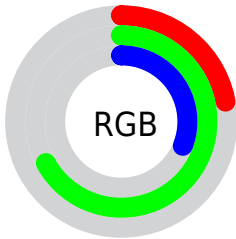
Format	Color
RYB	55, 152, 171
Decimal	3648334
CIELab	62.07, -52.00, 38.27
CIELCh	62, 64.565, 143.648
Yxy	30.4881, 0.2911, 0.5067
Android (android.graphics.Color)	4281838414 (0xFF37AB4E)
YUV	125.7140, -23.5230, -62.0162
Hunter-Lab	55.2160, -40.0108, 25.5839

Details

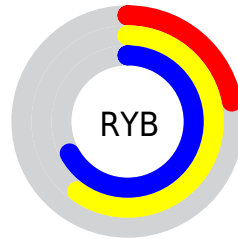
The Hex color **37AB4E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AB3794**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **74E381**, and **00751C** is the 20% darker color. If you saturate the color by 10%, you get **26AB40**, and if you desaturate by 10%, it is **48AB5C**.

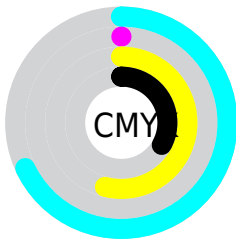
Distribution



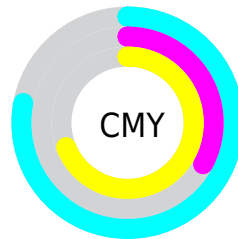
- Red (22%)
- Green (67%)
- Blue (31%)



- Red (22%)
- Yellow (60%)
- Blue (67%)



- Cyan (68%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (78%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37AB4E 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 37AB4E by changing the saturation by 10% instead.

 37AB4E

 37AB4E

FFFFFF

 089035

 74E381

 00751C

 91FF9C

 005C00

 AEFFB7

 004300

 CBFFD3

 002D00

 E9FFF0

 000E00

 000000

 37AB4E

 37AB4E

 26AB40

 48AB5C

 15AB33

 59AB69

 04AB25

 6AAB77

 00AB22

 7BAB85

 8CAB93

 9EABA0

 AFABAE

 C0ABBC

 D1ABC9

Harmonies

Analogous

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



87A01D



37AB4E



00B088

Triad

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



37AB4E



00A0FF



FC626C

Complementary

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



37AB4E



AB3794

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.



F65FA5



37AB4E



7F8CFF

Square

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



37AB4E



00ACF2



CF72DB



E67839

Rectangle

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



37AB4E



00B1AF



CF72DB



FD5E7E

Sweetspot

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



37AB4E



B1DEBA



96AB37



55705B



F0F0F0



707070

Same Dimension

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



37AB4E



2ADE4E



37AB86



4E5750



00961E



001705

Inverse Universe

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



AB3794



DE2ABA



AB375C



574E55



960079



170012

Previews

White Background



This preview shows how the Hex color 37AB4E looks on a white background.

Color Contrast Check

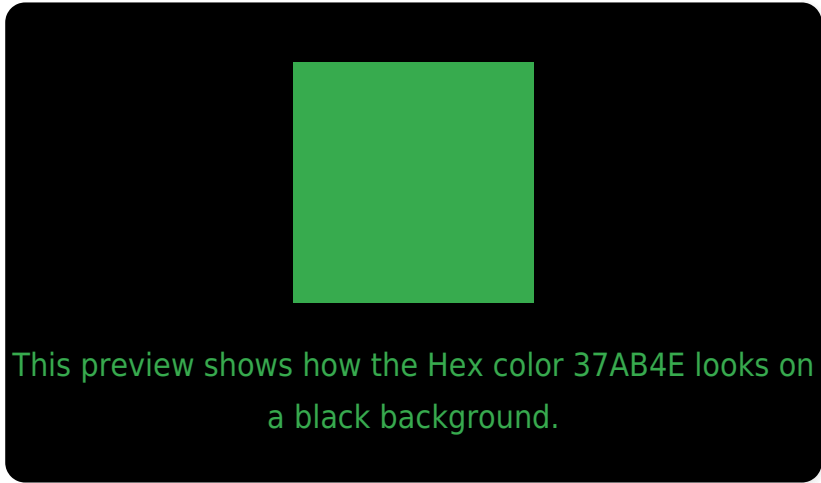
Large Text (above 18pt) WCAG AA × Fail

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 37AB4E Background



This preview shows how black text looks on a background with the Hex color 37AB4E.

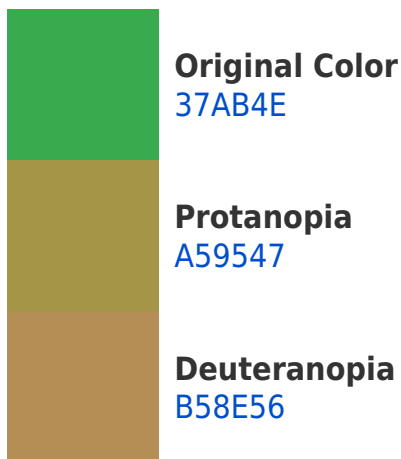


This preview shows how white text looks on a background with the Hex color 37AB4E.

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](#).

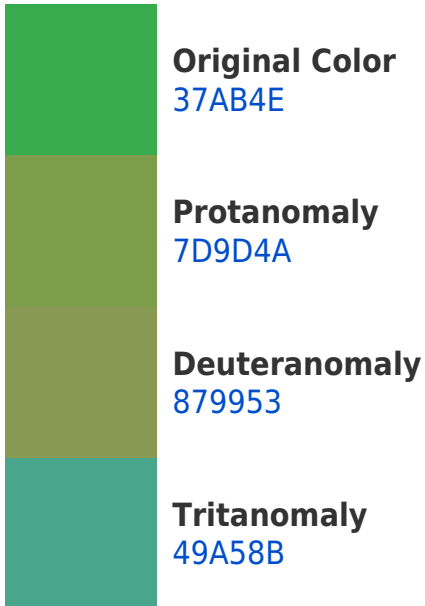
Dichromacy





Tritanopia
54A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37AB4E 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 #37AB4E looks like.

```
.text, #text, p{  
    color:#37AB4E  
}
```

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 #37AB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37AB4E
}
```

Border

The CSS property to change the border of an element to Hex 37AB4E 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
#37AB4E }
```

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

```
.border{ border-color:#37AB4E }
```

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

Here you see how a box with a 4 pixel #37AB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37AB4E; -webkit-box-shadow:4px 4px  
4px 4px #37AB4E; box-shadow:4px 4px 4px  
4px #37AB4E }
```

Background

The CSS property to change the background color of an element to Hex 37AB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37AB4E }
```

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

```
.background{ background-color:#37AB4E }
```

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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