

Converting Colors

Hex(37A66E)

Have a look what the booklet for
Hex(37A66E) contains.

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Color

Hex(37A66E)

Conversions

Conversions Part 1

Format	Color
Hex	37A66E
RGB	55, 166, 110
RGB Percent	22%, 65%, 43%
CMY	0.7843, 0.3490, 0.5686
CMYK	0.67, 0.00, 0.34, 0.35
HSL	150°, 50%, 43%
HSV	150°, 67%, 65%
XYZ	18.0262, 29.2105, 19.4400
YIQ	126.4270, -48.1800, -40.9480

Conversions

Conversions Part 2

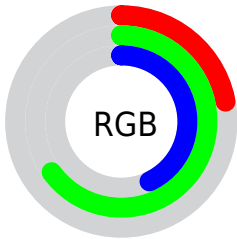
Format	Color
RYB	55, 129, 166
Decimal	3647086
CIELab	60.97, -44.48, 20.08
CIELCh	61, 48.806, 155.701
Yxy	29.2105, 0.2704, 0.4381
Android (android.graphics.Color)	4281837166 (0xFF37A66E)
YUV	126.4270, -8.0985, -62.6415
Hunter-Lab	54.0467, -35.0465, 16.5068

Details

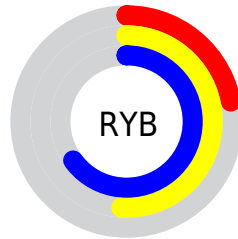
The Hex color **37A66E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A6376F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **72DEA2**, and **00713E** is the 20% darker color. If you saturate the color by 10%, you get **26A666**, and if you desaturate by 10%, it is **48A676**.

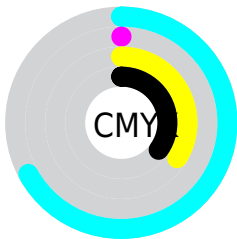
Distribution



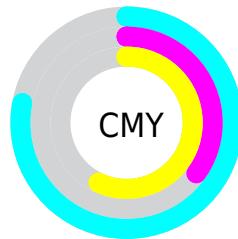
- Red (22%)
- Green (65%)
- Blue (43%)



- Red (22%)
- Yellow (51%)
- Blue (65%)



- Cyan (67%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)



- Cyan (78%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A66E 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 37A66E by changing the saturation by 10% instead.



37A66E



37A66E

FFFFFF



0D8B55



72DEA2



00713E



8FFBBD



005827



ACFFD9



003F12



C9FFF5



002A00



E6FFFF



000700



000000



37A66E



37A66E



26A666



48A676

■ 16A65D

■ 58A67F

■ 05A655

■ 69A687

■ 00A652

■ 79A68F

■ 8AA698

■ 9BA6A0

■ ABA6A9

■ BCA6B1

■ CCA6B9

Harmonies

Analogous

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



779F4A



37A66E



00A99A

Triad

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



37A66E



5395E9



DF7563

Complementary

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



37A66E



A6376F

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.



E36E8D



37A66E



A184D9

Square

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



37A66E



00A1E1



CF74B7



C88444

Rectangle

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



37A66E



00A8B7



CF74B7



E27170

Sweetspot

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



37A66E



ADD9C3



70A637



536E60



EDEDED



6E6E6E

Same Dimension

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



37A66E



2BD981



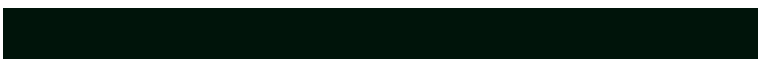
37A6A4



4C5450



009449



00140A

Inverse Universe

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



A6376F



D92B83



A63739



544C50



94004B



14000A

Previews

White Background



This preview shows how the Hex color 37A66E looks on a white background.

Color Contrast Check

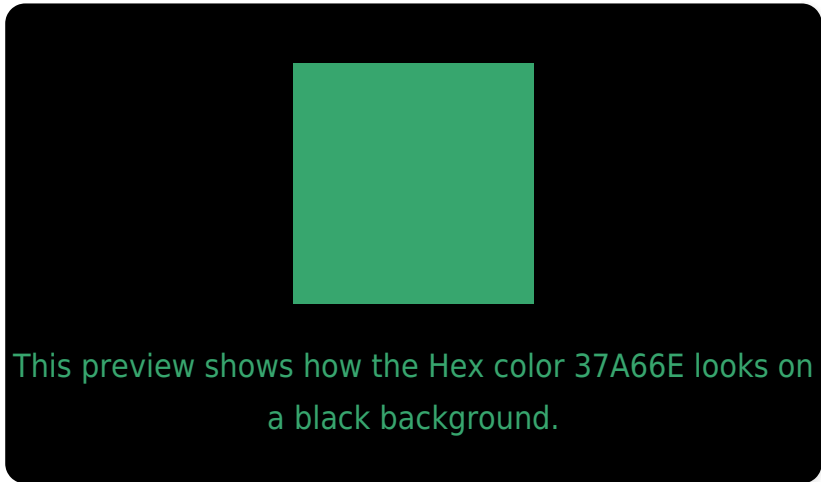
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 37A66E Background



This preview shows how black text looks on a background with the Hex color 37A66E.

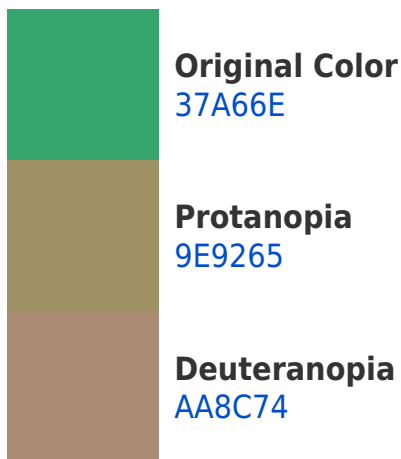


This preview shows how white text looks on a background with the Hex color 37A66E.

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
4D9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37A66E 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 #37A66E looks like.

```
.text, #text, p{  
    color:#37A66E  
}
```

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 #37A66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A66E
}
```

Border

The CSS property to change the border of an element to Hex 37A66E 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
#37A66E }
```

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

```
.border{ border-color:#37A66E }
```

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

Here you see how a box with a 4 pixel #37A66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A66E; -webkit-box-shadow:4px 4px  
4px 4px #37A66E; box-shadow:4px 4px 4px  
4px #37A66E }
```

Background

The CSS property to change the background color of an element to Hex 37A66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A66E }
```

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

```
.background{ background-color:#37A66E }
```

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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