

# Converting Colors

Hex(37A769)

Have a look what the booklet for  
Hex(37A769) contains.

<b>Hex(37A769)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(37A769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37A769
RGB	55, 167, 105
RGB Percent	22%, 65%, 41%
CMY	0.7843, 0.3451, 0.5882
CMYK	0.67, 0.00, 0.37, 0.35
HSL	147°, 50%, 44%
HSV	147°, 67%, 65%
XYZ	17.9441, 29.4696, 18.1070
YIQ	126.4440, -46.8500, -43.0260

# Conversions

## Conversions Part 2

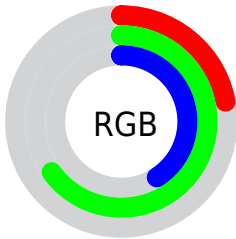
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 132, 167
Decimal	3647337
CIELab	61.19, -45.90, 23.11
CIELCh	61, 51.388, 153.275
Yxy	29.4696, 0.2739, 0.4498
Android (android.graphics.Color)	4281837417 (0xFF37A769)
YUV	126.4440, -10.5719, -62.6564
Hunter-Lab	54.2859, -35.9976, 18.2240

# Details

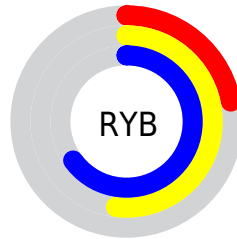
The Hex color **37A769** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A73775**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **73DF9D**, and **007239** is the 20% darker color. If you saturate the color by 10%, you get **26A760**, and if you desaturate by 10%, it is **48A772**.

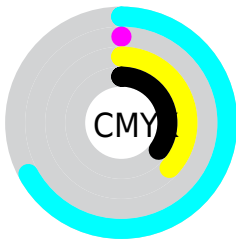
# Distribution



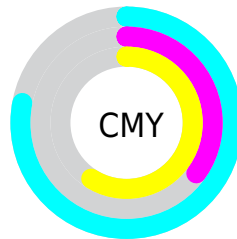
- Red (22%)
- Green (65%)
- Blue (41%)



- Red (22%)
- Yellow (52%)
- Blue (65%)



- Cyan (67%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (78%)
- Magenta (35%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37A769 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 37A769 by changing the saturation by 10% instead.





37A769



37A769

FFFFFF



0D8C50



73DF9D



007239



8FFCB8



005822



ACFFD4



00400C



C9FFF0



002A00



E7FFFF



000800



000000



37A769



37A769



26A760



48A772

■ 16A757

■ 58A77B

■ 05A74D

■ 69A785

■ 00A74B

■ 7AA78E

■ 8BA797

■ 9BA7A0

■ ACA7AA

■ BDA7B3

■ CDA7BC

# Harmonies

## Analogous

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



7A9F44



37A769



00AA97

# Triad

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



37A769



4197EE



E47264

# Complementary

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



37A769



A73775

# 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.



E66B91



37A769



9D86E0

# Square

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



37A769



00A3E4



CF74BD



CD8242

# Rectangle

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



37A769



00AAB6



CF74BD



E76E72



# Sweetspot

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



37A769



ADD9C1



76A737



536E5F



EDEDED



6E6E6E



# Same Dimension

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



37A769



2BD979



37A7A0



4C544F



009442



001409



# Inverse Universe

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



A73775



D92B8B



A7373E



544C50



940052



14000B



# Previews

## White Background



This preview shows how the Hex color 37A769 looks on a white background.

## Color Contrast Check

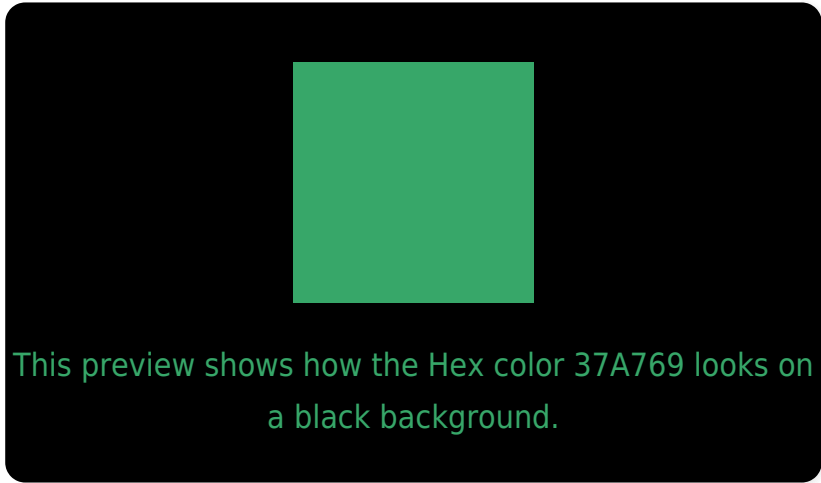
Large Text (above 18pt) WCAG AA ✓ Pass

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

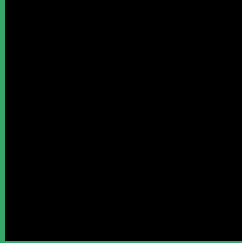
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 37A769 Background



This preview shows how black text looks on a background with the Hex color 37A769.



This preview shows how white text looks on a background with the Hex color 37A769.

# 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**  
4F9FAC

# Trichromacy



**Original Color**  
37A769



**Protanomaly**  
799A64



**Deuteranomaly**  
82966D



**Tritanomaly**  
46A294

# Monochromacy



**Original Color**  
37A769



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
648D76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37A769 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 #37A769 looks like.

```
.text, #text, p{  
    color:#37A769  
}
```

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 #37A769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A769
}
```

## Border

The CSS property to change the border of an element to Hex 37A769 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
#37A769 }
```

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

```
.border{ border-color:#37A769 }
```

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

Here you see how a box with a 4 pixel #37A769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A769; -webkit-box-shadow:4px 4px  
4px 4px #37A769; box-shadow:4px 4px 4px  
4px #37A769 }
```

# Background

The CSS property to change the background color of an element to Hex 37A769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A769 }
```

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

```
.background{ background-color:#37A769 }
```

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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