

# Converting Colors

Hex(37A95C)

Have a look what the booklet for  
Hex(37A95C) contains.

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**Color**

**Hex(37A95C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37A95C
RGB	55, 169, 92
RGB Percent	22%, 66%, 36%
CMY	0.7843, 0.3373, 0.6392
CMYK	0.67, 0.00, 0.46, 0.34
HSL	139°, 51%, 44%
HSV	139°, 67%, 66%
XYZ	17.6953, 29.9609, 14.9756
YIQ	126.1360, -43.2270, -48.1150

# Conversions

## Conversions Part 2

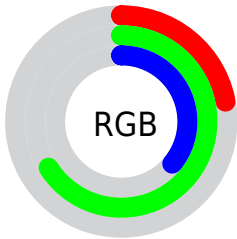
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 141, 169
Decimal	3647836
CIELab	61.62, -49.07, 30.59
CIELCh	62, 57.823, 148.059
Yxy	29.9609, 0.2825, 0.4784
Android (android.graphics.Color)	4281837916 (0xFF37A95C)
YUV	126.1360, -16.8290, -62.3863
Hunter-Lab	54.7365, -38.0832, 22.0942

# Details

The Hex color **37A95C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A93784**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **73E18F**, and **00742C** is the 20% darker color. If you saturate the color by 10%, you get **26A951**, and if you desaturate by 10%, it is **48A967**.

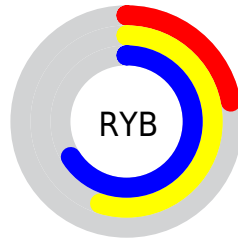
# Distribution



Red (22%)

Green (66%)

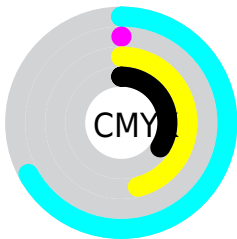
Blue (36%)



Red (22%)

Yellow (55%)

Blue (66%)

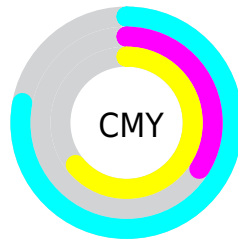


Cyan (67%)

Magenta (0%)

Yellow (46%)

Black (34%)



Cyan (78%)

Magenta (34%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37A95C 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 37A95C by changing the saturation by 10% instead.



 37A95C

 37A95C

FFFFFF

 0B8E44

 73E18F

 00742C

 90FEAA

 005A14

 ADFFC6

 004100

 CAFFE2

 002C00

 E8FFFF

 000B00

 000000

 37A95C

 37A95C

 26A951

 48A967

■ 15A945

■ 59A973

■ 04A93A

■ 6AA97E

■ 00A937

■ 7BA98A

■ 8BA995

■ 9CA9A0

■ ADA9AC

■ BEA9B7

■ CFA9C3

# Harmonies

## Analogous

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



80A033



37A95C



00AD90

# Triad

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



37A95C



009CFB



F06B68

# Complementary

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



37A95C



A93784

# 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.



EE659A



37A95C



9089F0

# Square

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



37A95C



00A8EB



D073CC



DA7D3D

# Rectangle

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



37A95C



00AEB3



D073CC



F26778



# Sweetspot

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



37A95C



AFDBBE



85A937



536E5C



EDEDED



6E6E6E



# Same Dimension

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



37A95C



2ADB63



37A994



4C544E



009430



001407



# Inverse Universe

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



A93784



DB2AA2



A9374C



544C51



940064



14000E



# Previews

## White Background



This preview shows how the Hex color 37A95C looks on a white background.

## Color Contrast Check

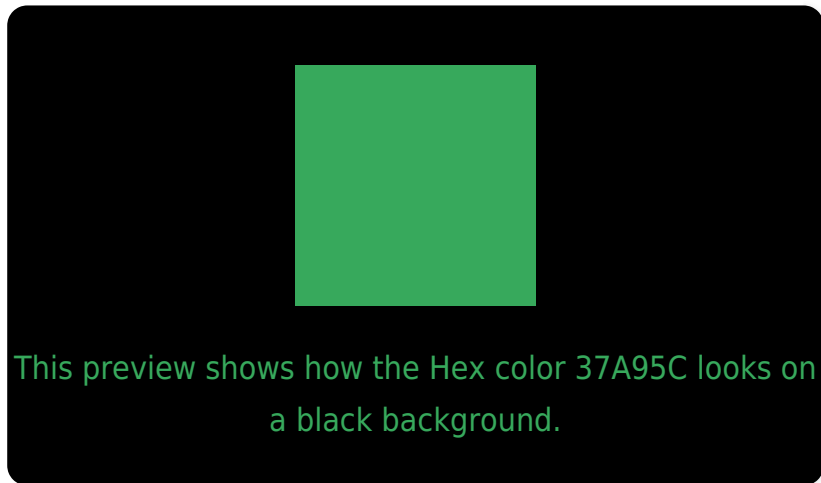
Large Text (above 18pt) WCAG AA ✓ Pass

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 37A95C Background



This preview shows how black text looks on a background with the Hex color 37A95C.

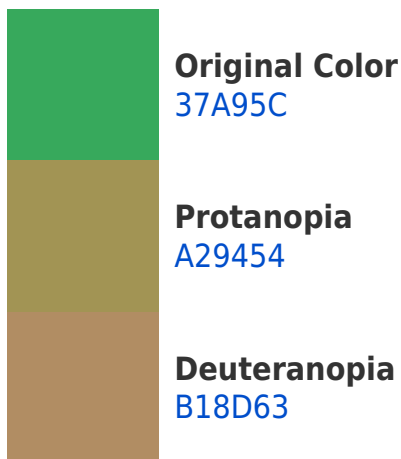


This preview shows how white text looks on a background with the Hex color 37A95C.

# 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





# Trichromacy



**Original Color**  
37A95C



**Protanomaly**  
7B9C57



**Deuteranomaly**  
859760



**Tritanomaly**  
48A390

# Monochromacy



**Original Color**  
37A95C



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
648E72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37A95C 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 #37A95C looks like.

```
.text, #text, p{  
    color:#37A95C  
}
```

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 #37A95C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A95C
}
```

## Border

The CSS property to change the border of an element to Hex 37A95C 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
#37A95C }
```

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

```
.border{ border-color:#37A95C }
```

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

Here you see how a box with a 4 pixel #37A95C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A95C; -webkit-box-shadow:4px 4px  
4px 4px #37A95C; box-shadow:4px 4px 4px  
4px #37A95C }
```

# Background

The CSS property to change the background color of an element to Hex 37A95C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A95C }
```

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

```
.background{ background-color:#37A95C }
```

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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