

# Converting Colors

Hex(37A45F)

Have a look what the booklet for  
Hex(37A45F) contains.

<b>Hex(37A45F)</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(37A45F)

# Conversions

## Conversions Part 1

Format	Color
Hex	37A45F
RGB	55, 164, 95
RGB Percent	22%, 64%, 37%
CMY	0.7843, 0.3569, 0.6275
CMYK	0.66, 0.00, 0.42, 0.36
HSL	142°, 50%, 43%
HSV	142°, 66%, 64%
XYZ	16.9166, 28.1894, 15.3760
YIQ	123.5430, -42.8150, -44.5670

# Conversions

## Conversions Part 2

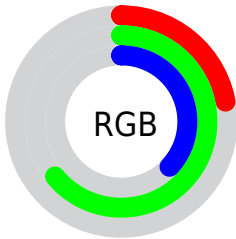
Format	Color
<a href="#">RYB</a>	55, 135, 164
Decimal	3646559
CIELab	60.06, -46.59, 26.99
CIElCh	60, 53.843, 149.919
Yxy	28.1894, 0.2797, 0.4661
Android (android.graphics.Color)	4281836639 (0xFF37A45F)
YUV	123.5430, -14.0717, -60.1122
Hunter-Lab	53.0937, -36.0407, 19.9951

# Details

The Hex color **37A45F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A4377C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **72DC92**, and **006F2F** is the 20% darker color. If you saturate the color by 10%, you get **27A455**, and if you desaturate by 10%, it is **47A469**.

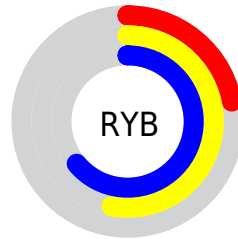
# Distribution



Red (22%)

Green (64%)

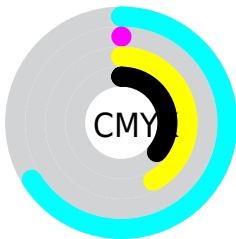
Blue (37%)



Red (22%)

Yellow (53%)

Blue (64%)

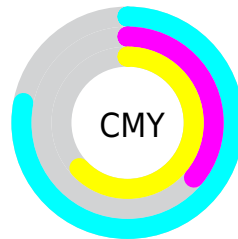


Cyan (66%)

Magenta (0%)

Yellow (42%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37A45F 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 37A45F by changing the saturation by 10% instead.



 37A45F

 37A45F

FFFFFF

 0E8947

 72DC92

 006F2F

 8FF9AD

 005619

 ABFFC9

 003D00

 C8FFE5

 002800

 E6FFFF

 000000

 37A45F

 37A45F

 27A455

 47A469

 16A44A

 58A474

 06A440

 68A47E

 00A43C

 79A489

 89A493

 99A49D

 AAA4A8

 BAA4B2

 CBA4BC

# Harmonies

## Analogous

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



7B9C39



37A45F



00A88F

# Triad

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



37A45F



0F96F0



E56B64

# Complementary

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



37A45F



A4377C

# 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.



E56693



37A45F



9184E3

# Square

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



37A45F



00A2E2



CA71C1



CF7C3E

# Rectangle

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



37A45F



00A8B0



CA71C1



E86873



# Sweetspot

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



37A45F



ABD6BB



7CA437



516B5B



EBEBEB



6B6B6B



# Same Dimension

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



37A45F



2BD66A



37A495



49524C



009135



001207



# Inverse Universe

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



A4377C



D62B97



A43746



52494F



91005C



12000B



# Previews

## White Background



This preview shows how the Hex color 37A45F looks on a white background.

## Color Contrast Check

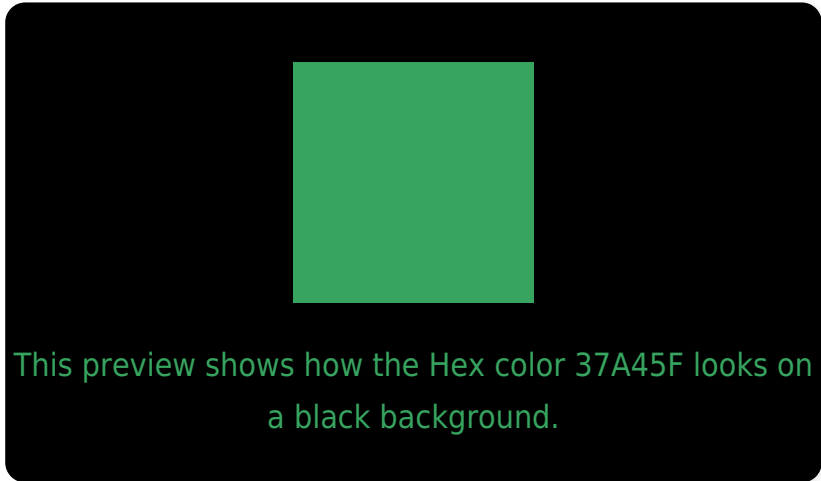
Large Text (above 18pt) WCAG AA ✓ Pass

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 37A45F Background



This preview shows how black text looks on a background with the Hex color 37A45F.

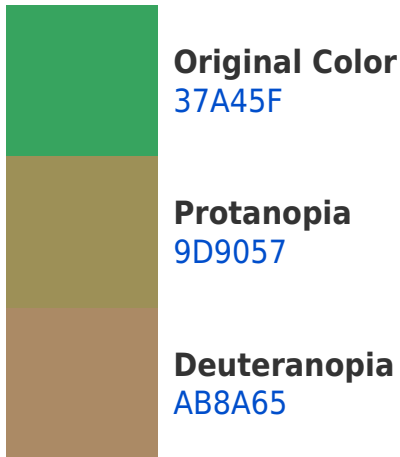


This preview shows how white text looks on a background with the Hex color 37A45F.

# 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](#).

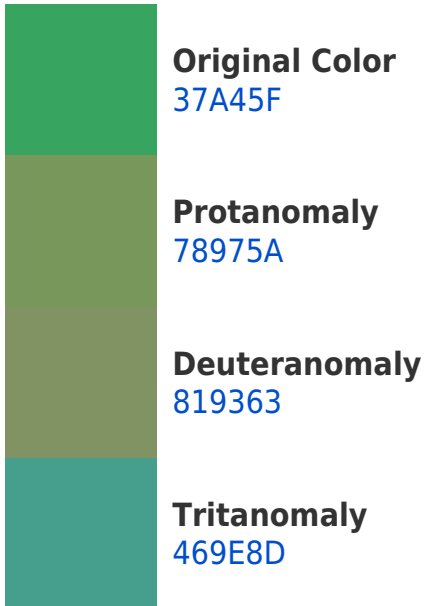
## Dichromacy



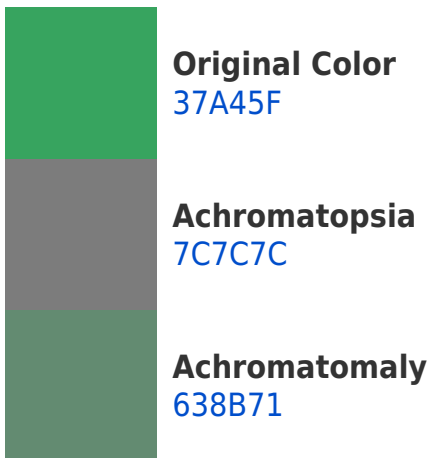


**Tritanopia**  
4F9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37A45F 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 #37A45F looks like.

```
.text, #text, p{  
    color:#37A45F  
}
```

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 #37A45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A45F
}
```

## Border

The CSS property to change the border of an element to Hex 37A45F 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
#37A45F }
```

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

```
.border{ border-color:#37A45F }
```

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

Here you see how a box with a 4 pixel #37A45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A45F; -webkit-box-shadow:4px 4px  
4px 4px #37A45F; box-shadow:4px 4px 4px  
4px #37A45F }
```

# Background

The CSS property to change the background color of an element to Hex 37A45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A45F }
```

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

```
.background{ background-color:#37A45F }
```

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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