

# Converting Colors

Hex(37A575)

Have a look what the booklet for  
Hex(37A575) contains.

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# Color

Hex(37A575)

# Conversions

## Conversions Part 1

Format	Color
Hex	37A575
RGB	55, 165, 117
RGB Percent	22%, 65%, 46%
CMY	0.7843, 0.3529, 0.5412
CMYK	0.67, 0.00, 0.29, 0.35
HSL	154°, 50%, 43%
HSV	154°, 67%, 65%
XYZ	18.2416, 29.0068, 21.4671
YIQ	126.6380, -50.1520, -38.2480

# Conversions

## Conversions Part 2

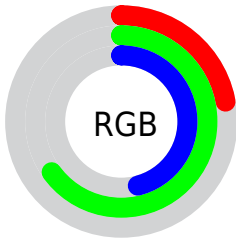
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 125, 165
Decimal	3646837
CIELab	60.79, -42.57, 15.99
CIELCh	61, 45.474, 159.415
Yxy	29.0068, 0.2655, 0.4221
Android (android.graphics.Color)	4281836917 (0xFF37A575)
YUV	126.6380, -4.7515, -62.8265
Hunter-Lab	53.8580, -33.7940, 14.0684

# Details

The Hex color **37A575** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A53767**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **72DDA9**, and **007045** is the 20% darker color. If you saturate the color by 10%, you get **27A56E**, and if you desaturate by 10%, it is **48A57C**.

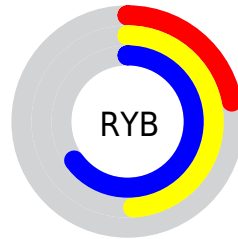
# Distribution



Red (22%)

Green (65%)

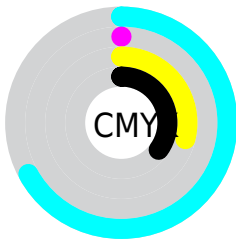
Blue (46%)



Red (22%)

Yellow (49%)

Blue (65%)

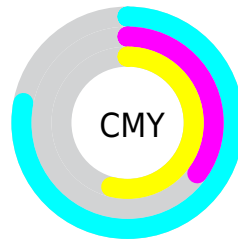


Cyan (67%)

Magenta (0%)

Yellow (29%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37A575 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 37A575 by changing the saturation by 10% instead.





37A575



37A575

FFFFFF



0D8A5C



72DDA9



007045



8FFAC5



00572E



ACFFE1



003E19



C9FFFD



002900



E6FFFF



000500



000000



37A575



37A575



27A56E



48A57C

■ 16A567

■ 58A583

■ 06A55F

■ 69A58B

■ 00A55D

■ 79A592

■ 8AA599

■ 9AA5A0

■ ABA5A7

■ BBA5AF

■ CBA5B6

# Harmonies

## Analogous

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



739F52



37A575



00A79E

# Triad

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



37A575



6593E2



D87862

# Complementary

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



37A575



A53767

# 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.



DE7187



37A575



A683D1

# Square

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



37A575



009EDD



CE75B0



C18747

# Rectangle

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



37A575



00A6B9



CE75B0



DC756D



# Sweetspot

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



37A575



ABD6C4



68A537



516B60



EBEBEB



6B6B6B



# Same Dimension

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



37A575



2BD68B



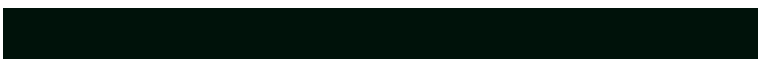
37A0A5



49524E



009152



00120A



# Inverse Universe

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



A53767



D62B76



A53D37



52494D



91003F



120008



# Previews

## White Background



This preview shows how the Hex color 37A575 looks on a white background.

## Color Contrast Check

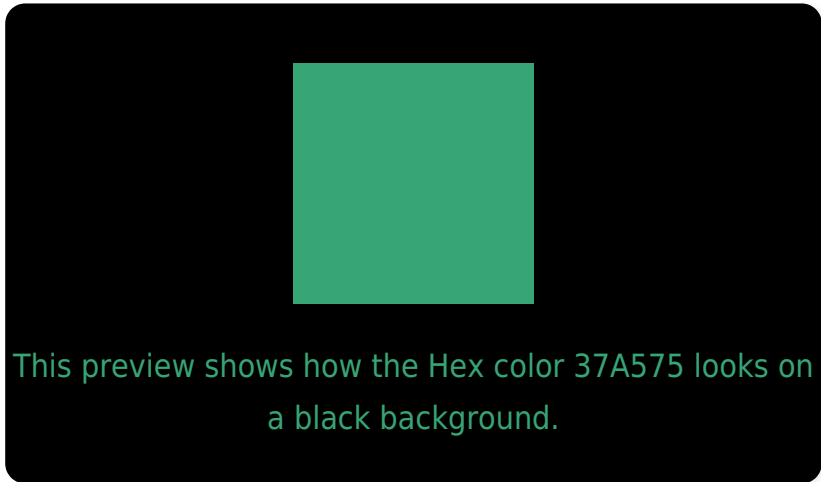
Large Text (above 18pt) WCAG AA ✓ Pass

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

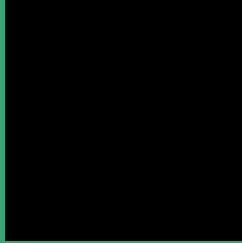
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 37A575 Background



This preview shows how black text looks on a background with the Hex color 37A575.



This preview shows how white text looks on a background with the Hex color 37A575.

# 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



**Original Color**  
37A575

**Protanopia**  
9C916C

**Deuteranopia**  
A88C7B



**Tritanopia**  
4B9EAB

# Trichromacy



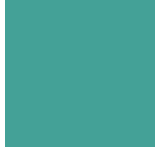
**Original Color**  
37A575



**Protanomaly**  
77986F



**Deuteranomaly**  
7F9579



**Tritanomaly**  
44A197

# Monochromacy



**Original Color**  
37A575



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
658D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37A575 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 #37A575 looks like.

```
.text, #text, p{  
    color:#37A575  
}
```

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 #37A575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A575
}
```

## Border

The CSS property to change the border of an element to Hex 37A575 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
#37A575 }
```

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

```
.border{ border-color:#37A575 }
```

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

Here you see how a box with a 4 pixel #37A575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A575; -webkit-box-shadow:4px 4px  
4px 4px #37A575; box-shadow:4px 4px 4px  
4px #37A575 }
```

# Background

The CSS property to change the background color of an element to Hex 37A575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A575 }
```

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

```
.background{ background-color:#37A575 }
```

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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