

# Converting Colors

Hex(37DA6E)

Have a look what the booklet for  
Hex(37DA6E) contains.

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**Color**

**Hex(37DA6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37DA6E
RGB	55, 218, 110
RGB Percent	22%, 85%, 43%
CMY	0.7843, 0.1451, 0.5686
CMYK	0.75, 0.00, 0.50, 0.15
HSL	140°, 69%, 54%
HSV	140°, 75%, 85%
XYZ	29.4614, 52.0808, 23.2517
YIQ	156.9510, -62.4800, -68.1440

# Conversions

## Conversions Part 2

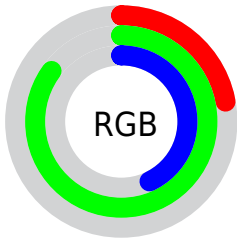
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 177, 218
Decimal	3660398
CIELab	77.33, -63.90, 41.37
CIELCh	77, 76.120, 147.080
Yxy	52.0808, 0.2811, 0.4970
Android (android.graphics.Color)	4281850478 (0xFF37DA6E)
YUV	156.9510, -23.1468, -89.4110
Hunter-Lab	72.1670, -53.4216, 31.4141

# Details

The Hex color **37DA6E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **DA37A3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7DFFA3**, and **00A23B** is the 20% darker color. If you saturate the color by 10%, you get **21DA60**, and if you desaturate by 10%, it is **4DDA7C**.

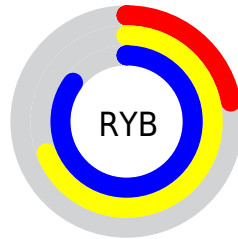
# Distribution



Red (22%)

Green (85%)

Blue (43%)



Red (22%)

Yellow (69%)

Blue (85%)

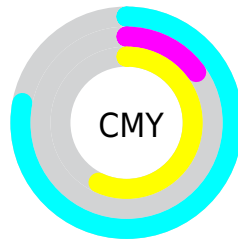


Cyan (75%)

Magenta (0%)

Yellow (50%)

Black (15%)



Cyan (78%)

Magenta (15%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37DA6E 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 37DA6E by changing the saturation by 10% instead.



 37DA6E

 37DA6E

FFFFFF

 00BD54

 7DFFA3

 00A23B

 9CFFBF

 008621

 BBFFDB

 006C02

 D9FFF8

 005200

 F8FFFF

 003A00

 002100

 000000

 37DA6E

 37DA6E

 21DA60

 4DDA7C

 0BDA51

 63DA8B

 00DA4A

 78DA99

 8EDAA8

 A4DAB6

 BADAC5

 D0DAD3

 E5DAE2

 FBDAF0

# Harmonies

## Analogous

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



A4CE31



37DA6E



00E0B6

# Triad

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



37DA6E



00C9FF



FF8283

# Complementary

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



37DA6E



DA37A3

# 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.



FF7AC9



37DA6E



B2AFFF

# Square

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



37DA6E



00D9FF



FF90FF



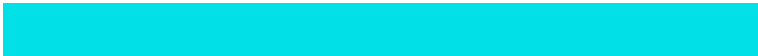
FF9D46

# Rectangle

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



37DA6E



00E0E6



FF90FF



FF7C9A

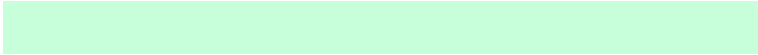


# Sweetspot

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



37DA6E



C7FFDA



A4DA37



5E806A



000000



808080



# Same Dimension

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



37DA6E



19FF67



37DABF



636E66



00AD3B



002E0F



# Inverse Universe

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



DA37A3



FF19B2



DA3752



6E636A



AD0073

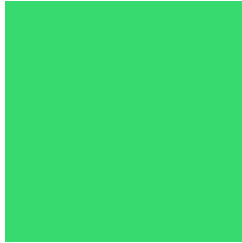


2E001E



# Previews

## White Background



This preview shows how the Hex color 37DA6E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 37DA6E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

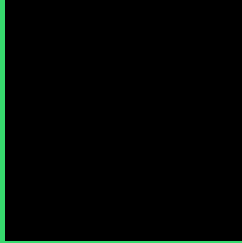
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37DA6E Background



This preview shows how black text looks on a background with the Hex color 37DA6E.

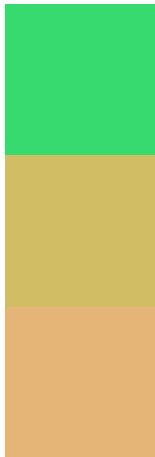


This preview shows how white text looks on a background with the Hex color 37DA6E.

# 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](#).

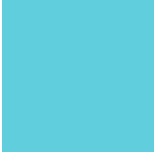
## Dichromacy



**Original Color**  
37DA6E

**Protanopia**  
D1BD64

**Deuteranopia**  
E4B577



# Trichromacy



**Original Color**  
37DA6E



**Protanomaly**  
99C868



**Deuteranomaly**  
A5C274



**Tritanomaly**  
52D2B5

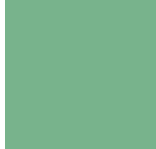
# Monochromacy



**Original Color**  
37DA6E



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
78B38C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37DA6E 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 #37DA6E looks like.

```
.text, #text, p{  
    color:#37DA6E  
}
```

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 #37DA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37DA6E
}
```

## Border

The CSS property to change the border of an element to Hex 37DA6E 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
#37DA6E }
```

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

```
.border{ border-color:#37DA6E }
```

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

Here you see how a box with a 4 pixel #37DA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37DA6E; -webkit-box-shadow:4px 4px  
4px 4px #37DA6E; box-shadow:4px 4px 4px  
4px #37DA6E }
```

# Background

The CSS property to change the background color of an element to Hex 37DA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37DA6E }
```

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

```
.background{ background-color:#37DA6E }
```

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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