

# Converting Colors

Hex(37C386)

Have a look what the booklet for  
Hex(37C386) contains.

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**Color**

**Hex(37C386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37C386
RGB	55, 195, 134
RGB Percent	22%, 76%, 53%
CMY	0.7843, 0.2353, 0.4745
CMYK	0.72, 0.00, 0.31, 0.24
HSL	154°, 56%, 49%
HSV	154°, 72%, 76%
XYZ	25.3937, 41.5637, 29.2385
YIQ	146.1860, -63.8590, -48.6510

# Conversions

## Conversions Part 2

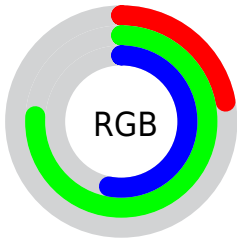
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 144, 195
Decimal	3654534
CIELab	70.57, -51.11, 20.23
CIElCh	71, 54.967, 158.410
Yxy	41.5637, 0.2640, 0.4321
Android (android.graphics.Color)	4281844614 (0xFF37C386)
YUV	146.1860, -6.0077, -79.9701
Hunter-Lab	64.4699, -42.5138, 18.2397

# Details

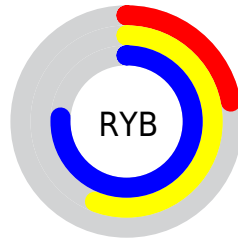
The Hex color **37C386** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C33774**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **78FDDB**, and **008C54** is the 20% darker color. If you saturate the color by 10%, you get **24C37E**, and if you desaturate by 10%, it is **4AC38E**.

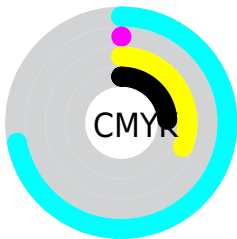
# Distribution



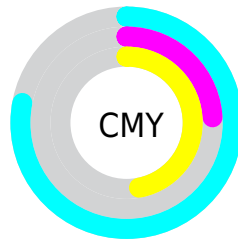
- Red (22%)
- Green (76%)
- Blue (53%)



- Red (22%)
- Yellow (56%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (78%)
- Magenta (24%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37C386 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 37C386 by changing the saturation by 10% instead.



 37C386

 37C386

FFFFFF

 00A76D

 78FDBB

 008C54

 96FFD7

 00723C

 B4FFF4

 005826

 D2FFFF

 003F11

 F0FFFF

 002900

 000400

 000000

 37C386

 37C386

 24C37E

 4AC38E

 10C375

 5EC397

 00C36E

 71C39F

 85C3A8

 99C3B0

 ACC3B9

 BFC3C1

 D3C3CA

 E7C3D2

# Harmonies

## Analogous

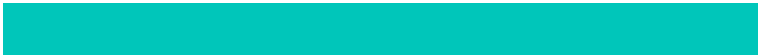
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86BB5B



37C386



00C6BA

# Triad

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



37C386



6DADFF



FF8B71

# Complementary

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



37C386



C33774

# 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.



FF81A0



37C386



C39AFB

# Square

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



37C386



00BCFF



F588D2



E79D4E

# Rectangle

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



37C386



00C5DB



F588D2



FF8680

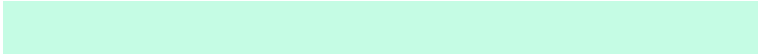


# Sweetspot

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



37C386



C5FCE4



76C337



5E8071



000000



808080



# Same Dimension

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



37C386



23FC9E



37BCC3



57615D



00A15B



002113



# Inverse Universe

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



C33774



FC2382



C33E37



61575B



A10046

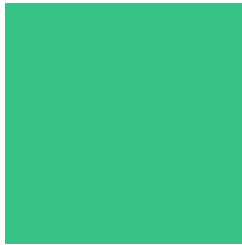


21000E



# Previews

## White Background



This preview shows how the Hex color 37C386 looks on a white background.

## Color Contrast Check

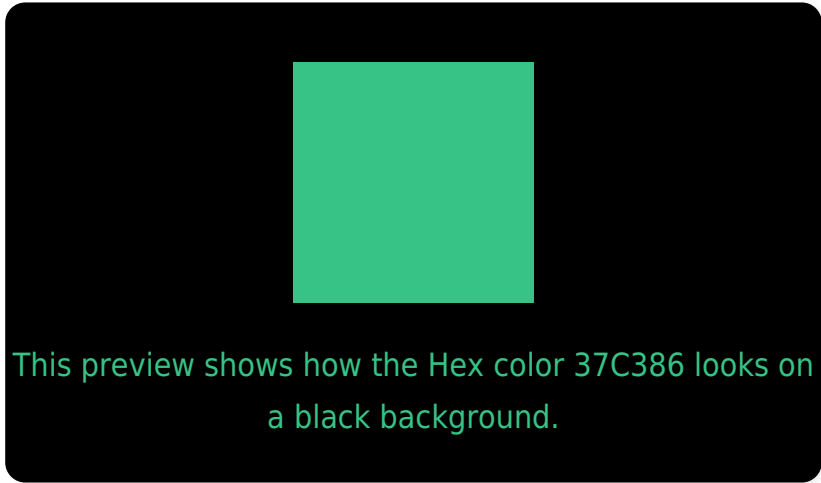
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

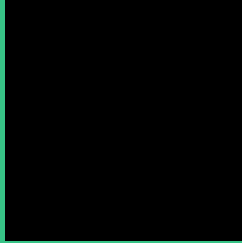
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37C386 Background



This preview shows how black text looks on a background with the Hex color 37C386.

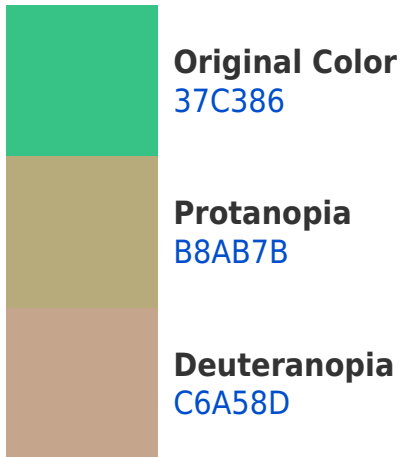


This preview shows how white text looks on a background with the Hex color 37C386.

# 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**  
37C386



**Protanomaly**  
89B47F



**Deuteranomaly**  
92B08A



**Tritanomaly**  
49BDB1

# Monochromacy



**Original Color**  
37C386



**Achromatopsia**  
929292



**Achromatomaly**  
71A48E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37C386 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 #37C386 looks like.

```
.text, #text, p{  
    color:#37C386  
}
```

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 #37C386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C386
}
```

## Border

The CSS property to change the border of an element to Hex 37C386 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
#37C386 }
```

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

```
.border{ border-color:#37C386 }
```

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

Here you see how a box with a 4 pixel #37C386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C386; -webkit-box-shadow:4px 4px  
4px 4px #37C386; box-shadow:4px 4px 4px  
4px #37C386 }
```

# Background

The CSS property to change the background color of an element to Hex 37C386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C386 }
```

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

```
.background{ background-color:#37C386 }
```

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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