

# Converting Colors

Hex(37C484)

Have a look what the booklet for  
Hex(37C484) contains.

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# Color

Hex(37C484)

# Conversions

## Conversions Part 1

Format	Color
Hex	37C484
RGB	55, 196, 132
RGB Percent	22%, 77%, 52%
CMY	0.7843, 0.2314, 0.4824
CMYK	0.72, 0.00, 0.33, 0.23
HSL	153°, 56%, 49%
HSV	153°, 72%, 77%
XYZ	25.4803, 41.9580, 28.5856
YIQ	146.5450, -63.4920, -49.7960

# Conversions

## Conversions Part 2

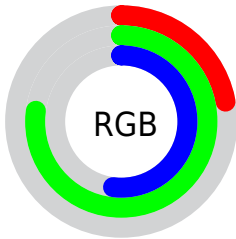
Format	Color
<a href="#">RYB</a>	<a href="#">55, 146, 196</a>
Decimal	<a href="#">3654788</a>
CIELab	<a href="#">70.84, -51.92, 21.66</a>
CIELCh	<a href="#">71, 56.259, 157.352</a>
Yxy	<a href="#">41.9580, 0.2654, 0.4370</a>
Android (android.graphics.Color)	<a href="#">4281844868 (0xFF37C484)</a>
YUV	<a href="#">146.5450, -7.1707, -80.2850</a>
Hunter-Lab	<a href="#">64.7750, -43.1403, 19.1775</a>

# Details

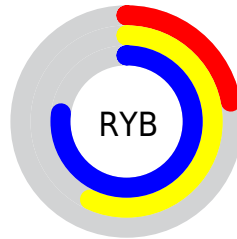
The Hex color **37C484** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C43777**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **78FEB9**, and **008D52** is the 20% darker color. If you saturate the color by 10%, you get **23C47B**, and if you desaturate by 10%, it is **4BC48D**.

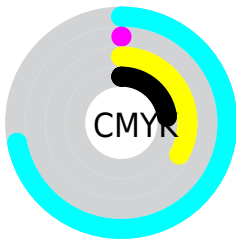
# Distribution



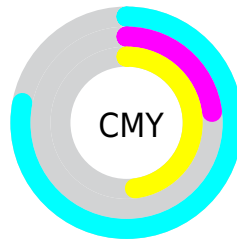
- Red (22%)
- Green (77%)
- Blue (52%)



- Red (22%)
- Yellow (57%)
- Blue (77%)



- Cyan (72%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (78%)
- Magenta (23%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37C484 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 37C484 by changing the saturation by 10% instead.





37C484



37C484

FFFFFF



00A86B



78FEB9



008D52



96FFD5



00733B



B4FFF2



005924



D2FFFF



00400E



F0FFFF



002A00



000600



000000



37C484



37C484

 23C47B

 4BC48D

 10C472

 5EC496

 00C46B

 72C49F

 85C4A8

 99C4B0

 ADC4B9

 C0C4C2

 D4C4CB

 E7C4D4

# Harmonies

## Analogous

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



88BC58



37C484



00C7B9

# Triad

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



37C484



66AFFF



FF8A72

# Complementary

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



37C484



C43777

# 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.



FF80A3



37C484



C19BFF

# Square

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



37C484



00BDFE



F688D6



EA9D4E

# Rectangle

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



37C484



00C6DB



F688D6



FF8581

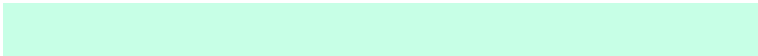


# Sweetspot

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



37C484



C7FFE6



79C437



5E8070



000000



808080



# Same Dimension

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



37C484



24FF9B



37BFC4



57615D



00A158



002112



# Inverse Universe

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



C43777



FF2487



C43C37



61575C



A10049

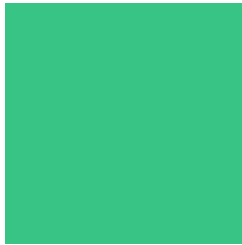


21000F



# Previews

## White Background



This preview shows how the Hex color 37C484 looks on a white background.

## Color Contrast Check

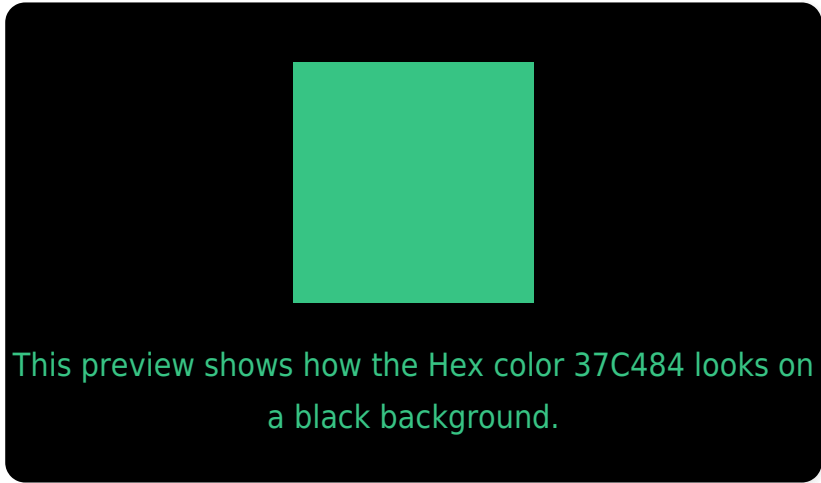
Large Text (above 18pt) WCAG AA × Fail

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

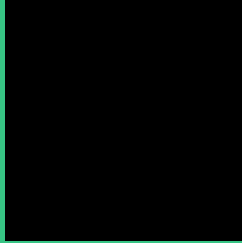
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37C484 Background



This preview shows how black text looks on a background with the Hex color 37C484.

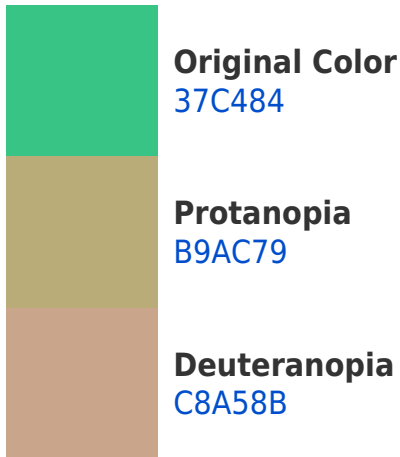


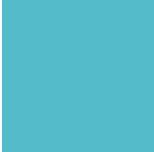
This preview shows how white text looks on a background with the Hex color 37C484.

# 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



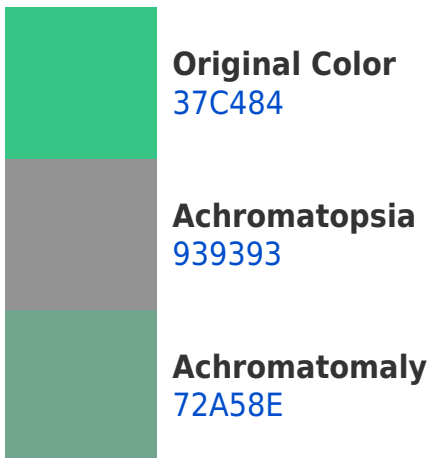


**Tritanopia**  
54BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37C484 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 #37C484 looks like.

```
.text, #text, p{  
    color:#37C484  
}
```

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 #37C484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C484
}
```

## Border

The CSS property to change the border of an element to Hex 37C484 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
#37C484 }
```

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

```
.border{ border-color:#37C484 }
```

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

Here you see how a box with a 4 pixel #37C484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C484; -webkit-box-shadow:4px 4px  
4px 4px #37C484; box-shadow:4px 4px 4px  
4px #37C484 }
```

# Background

The CSS property to change the background color of an element to Hex 37C484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C484 }
```

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

```
.background{ background-color:#37C484 }
```

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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