

Converting Colors

Hex(4AC37A)

Have a look what the booklet for
Hex(4AC37A) contains.

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Color

Hex(4AC37A)

Conversions

Conversions Part 1

Format	Color
Hex	4AC37A
RGB	74, 195, 122
RGB Percent	29%, 76%, 48%
CMY	0.7098, 0.2353, 0.5216
CMYK	0.62, 0.00, 0.37, 0.24
HSL	144°, 50%, 53%
HSV	144°, 62%, 76%
XYZ	25.8520, 41.8912, 25.1356
YIQ	150.4990, -48.6830, -48.3550

Conversions

Conversions Part 2

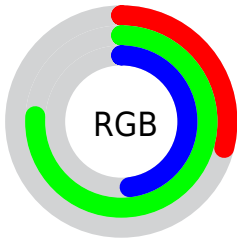
Format	Color
RYB	74, 161, 195
Decimal	4899706
CIELab	70.80, -50.16, 26.96
CIELCh	71, 56.947, 151.745
Yxy	41.8912, 0.2783, 0.4510
Android (android.graphics.Color)	4283089786 (0xFF4AC37A)
YUV	150.4990, -14.0500, -67.0896
Hunter-Lab	64.7234, -41.9690, 22.2809

Details

The Hex color **4AC37A** 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 **C34A93**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **86FCAF**, and **008C48** is the 20% darker color. If you saturate the color by 10%, you get **37C36E**, and if you desaturate by 10%, it is **5EC386**.

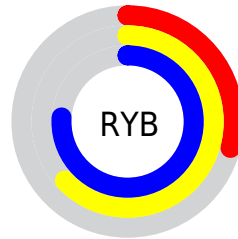
Distribution



Red (29%)

Green (76%)

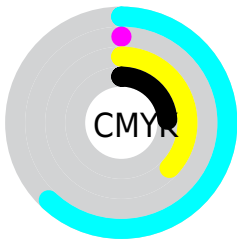
Blue (48%)



Red (29%)

Yellow (63%)

Blue (76%)

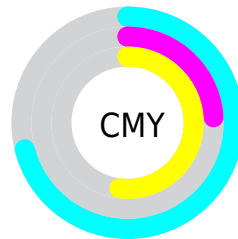


Cyan (62%)

Magenta (0%)

Yellow (37%)

Black (24%)



Cyan (71%)

Magenta (24%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AC37A 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 4AC37A by changing the saturation by 10% instead.

 4AC37A

 4AC37A


FFFFFF

 27A761

 86FCAF

 008C48

 A3FFCB

 007231

 C0FFE7

 00581A

 DEFFFF

 004002

 FCFFFF

 002A00

 000500

 000000

 4AC37A

 4AC37A

 37C36E

 5EC386

 23C362

 71C392

 10C357

 85C39D

 00C34D

 98C3A9

 ACC3B5

 BFC3C1

 D3C3CC

 E6C3D8

 FAC3E4

Harmonies

Analogous

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



93BA50



4AC37A



00C7AF

Triad

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



4AC37A



49B2FF



FF867A

Complementary

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



4AC37A



C34A93

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.



FF80AC



4AC37A



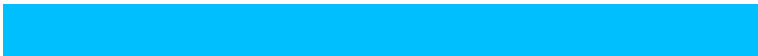
B49EFF

Square

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



4AC37A



00BFFF



EF8ADF



F19852

Rectangle

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



4AC37A



00C7D2



EF8ADF



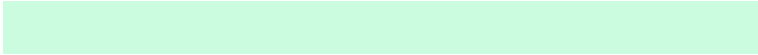
FF828A

Sweetspot

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



4AC37A



CCFCE0



95C34A



62806E



000000



808080

Same Dimension

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



4AC37A



42FC8C



4AC3B5



57615B



00A140



00210D

Inverse Universe

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



C34A93



FC42B2



C34A58



61575D



A10061



210014

Previews

White Background



This preview shows how the Hex color 4AC37A looks on a white background.

Color Contrast Check

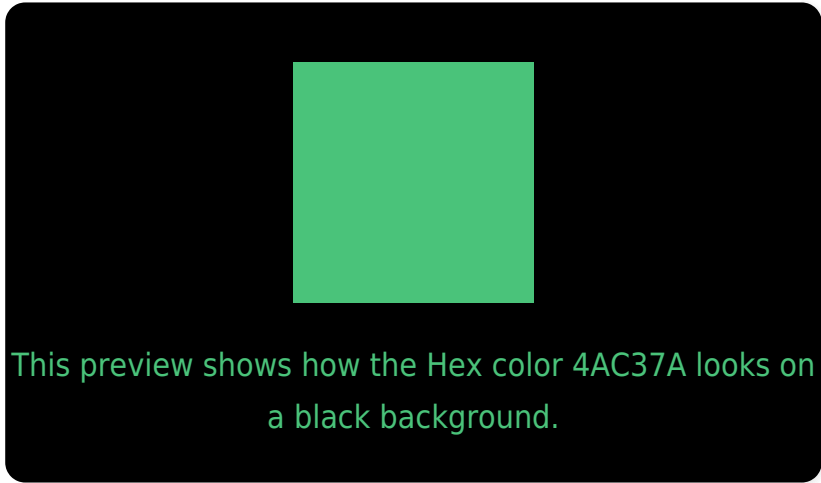
Large Text (above 18pt) WCAG AA × Fail

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

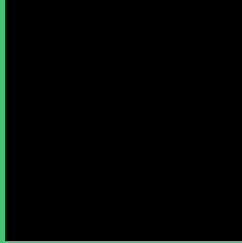
Any Text WCAG AA ✓ Pass

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 4AC37A Background



This preview shows how black text looks on a background with the Hex color 4AC37A.

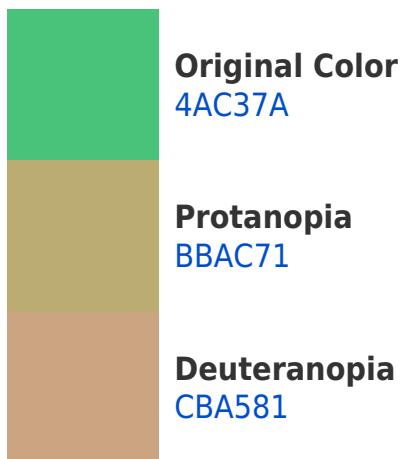


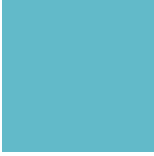
This preview shows how white text looks on a background with the Hex color 4AC37A.

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](#).

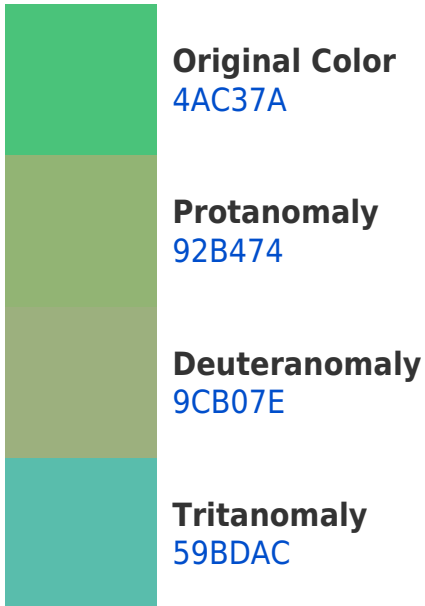
Dichromacy



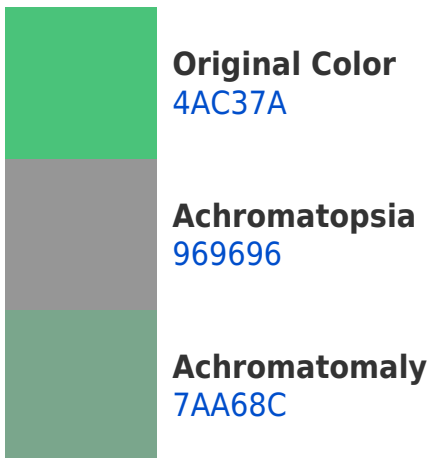


Tritanopia
62BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AC37A 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 #4AC37A looks like.

```
.text, #text, p{  
    color:#4AC37A  
}
```

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 #4AC37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC37A
}
```

Border

The CSS property to change the border of an element to Hex 4AC37A 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
#4AC37A }
```

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

```
.border{ border-color:#4AC37A }
```

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

Here you see how a box with a 4 pixel #4AC37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC37A; -webkit-box-shadow:4px 4px  
4px 4px #4AC37A; box-shadow:4px 4px 4px  
4px #4AC37A }
```

Background

The CSS property to change the background color of an element to Hex 4AC37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC37A }
```

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

```
.background{ background-color:#4AC37A }
```

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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