

Converting Colors

Hex(4EA37E)

Have a look what the booklet for
Hex(4EA37E) contains.

Hex(4EA37E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EA37E)

Conversions

Conversions Part 1

Format	Color
Hex	4EA37E
RGB	78, 163, 126
RGB Percent	31%, 64%, 49%
CMY	0.6941, 0.3608, 0.5059
CMYK	0.52, 0.00, 0.23, 0.36
HSL	154°, 35%, 47%
HSV	154°, 52%, 64%
XYZ	20.0050, 29.3204, 24.3437
YIQ	133.3670, -38.7830, -29.5270

Conversions

Conversions Part 2

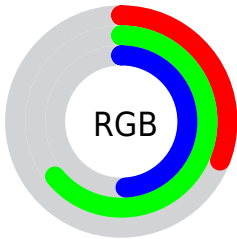
Format	Color
RYB	78, 132, 163
Decimal	5153662
CIELab	61.06, -34.75, 11.48
CIELCh	61, 36.598, 161.717
Yxy	29.3204, 0.2716, 0.3980
Android (android.graphics.Color)	4283343742 (0xFF4EA37E)
YUV	133.3670, -3.6319, -48.5569
Hunter-Lab	54.1484, -28.8132, 11.2486

Details

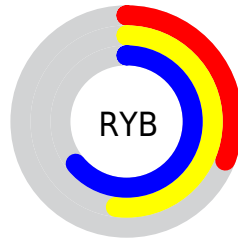
The Hex color **4EA37E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A34E73**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **85DAB3**, and **0F6F4D** is the 20% darker color. If you saturate the color by 10%, you get **3EA377**, and if you desaturate by 10%, it is **5EA385**.

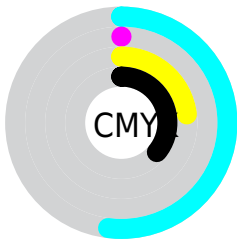
Distribution



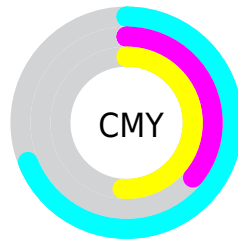
- Red (31%)
- Green (64%)
- Blue (49%)



- Red (31%)
- Yellow (52%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA37E 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 4EA37E by changing the saturation by 10% instead.



4EA37E



4EA37E

FFFFFF



328865



85DAB3



0F6F4D



A1F7CE



005636



BDFFEA



003E21



DAFFFF



00280B



F7FFFF



000700



000000



4EA37E



4EA37E



3EA377



5EA385

 2DA370

 6FA38C

 1DA369

 7FA393

 0DA362

 8FA39A

 00A35C

 A0A3A1

 B0A3A9

 C0A3B0

 D0A3B7

 E1A3BE

Harmonies

Analogous

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



789E62



4EA37E



0AA59F

Triad

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



4EA37E



7892D2



CD806A

Complementary

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



4EA37E



A34E73

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.



D27A88



4EA37E



A786C4

Square

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



4EA37E



3A9CD0



C67CA8



B98B56

Rectangle

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



4EA37E



00A4B4



C67CA8



D07D73

Sweetspot

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



4EA37E



B2D4C5



74A34E



576B62



EBEBEB



6B6B6B

Same Dimension

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



4EA37E



4ED49A



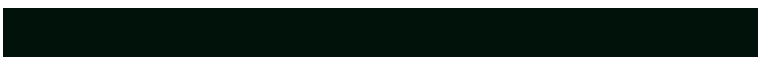
4E9FA3



49524E



009152



00120A

Inverse Universe

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



A34E73



D44E88



A3524E



52494D



91003F



120008

Previews

White Background



This preview shows how the Hex color 4EA37E looks on a white background.

Color Contrast Check

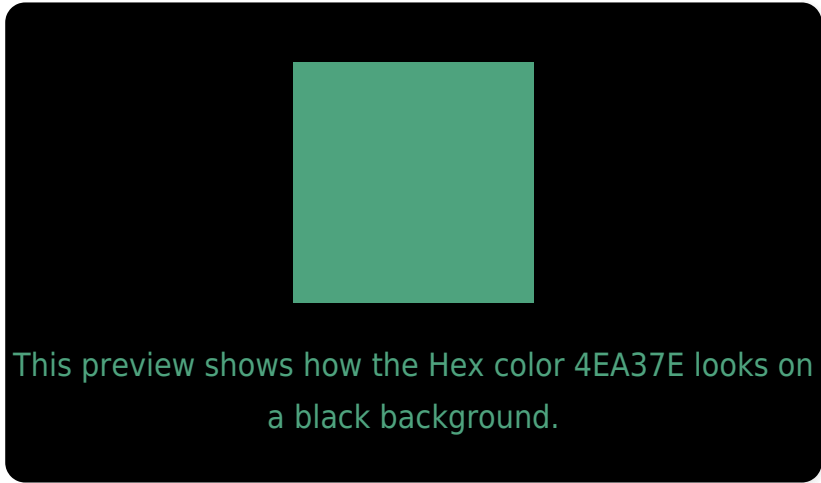
Large Text (above 18pt) WCAG AA ✓ Pass

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

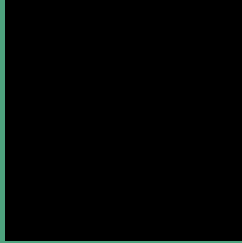
Any Text WCAG AA ✓ Pass

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 4EA37E Background



This preview shows how black text looks on a background with the Hex color 4EA37E.

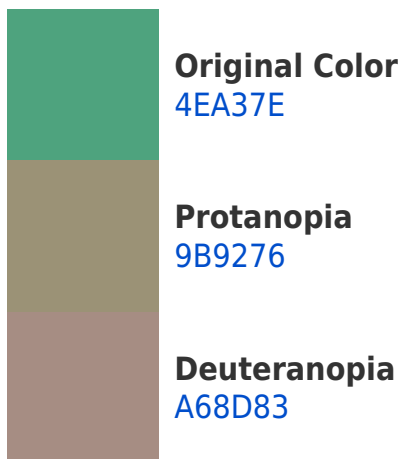


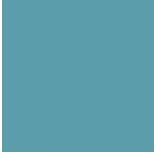
This preview shows how white text looks on a background with the Hex color 4EA37E.

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



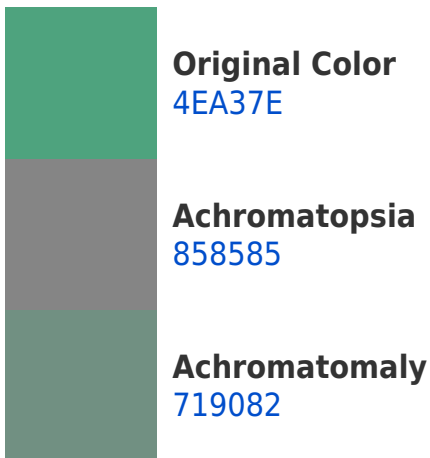


Tritanopia
5B9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA37E 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 #4EA37E looks like.

```
.text, #text, p{  
    color:#4EA37E  
}
```

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 #4EA37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA37E
}
```

Border

The CSS property to change the border of an element to Hex 4EA37E 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
#4EA37E }
```

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

```
.border{ border-color:#4EA37E }
```

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

Here you see how a box with a 4 pixel #4EA37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA37E; -webkit-box-shadow:4px 4px  
4px 4px #4EA37E; box-shadow:4px 4px 4px  
4px #4EA37E }
```

Background

The CSS property to change the background color of an element to Hex 4EA37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA37E }
```

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

```
.background{ background-color:#4EA37E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor