

Converting Colors

Hex(4CA37B)

Have a look what the booklet for
Hex(4CA37B) contains.

Hex(4CA37B)	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(4CA37B)

Conversions

Conversions Part 1

Format	Color
Hex	4CA37B
RGB	76, 163, 123
RGB Percent	30%, 64%, 48%
CMY	0.7020, 0.3608, 0.5176
CMYK	0.53, 0.00, 0.25, 0.36
HSL	152°, 36%, 47%
HSV	152°, 53%, 64%
XYZ	19.6528, 29.1609, 23.3317
YIQ	132.4270, -39.0120, -30.8840

Conversions

Conversions Part 2

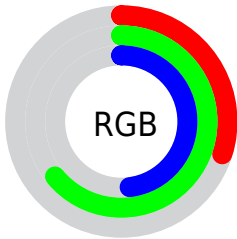
Format	Color
RYB	76, 132, 163
Decimal	5022587
CIELab	60.92, -35.90, 12.95
CIELCh	61, 38.165, 160.172
Yxy	29.1609, 0.2724, 0.4042
Android (android.graphics.Color)	4283212667 (0xFF4CA37B)
YUV	132.4270, -4.6475, -49.4865
Hunter-Lab	54.0009, -29.5390, 12.1837

Details

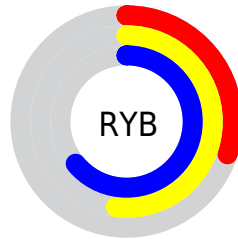
The Hex color **4CA37B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A34C74**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **83DAB0**, and **096F4A** is the 20% darker color. If you saturate the color by 10%, you get **3CA374**, and if you desaturate by 10%, it is **5CA382**.

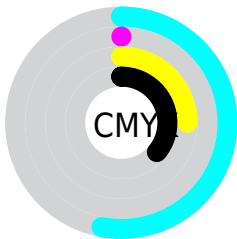
Distribution



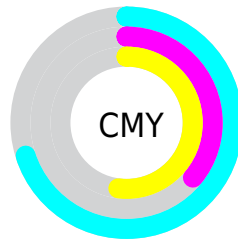
- Red (30%)
- Green (64%)
- Blue (48%)



- Red (30%)
- Yellow (52%)
- Blue (64%)



- Cyan (53%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA37B 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 4CA37B by changing the saturation by 10% instead.

 4CA37B

 4CA37B

FFFFFF

 2F8862

 83DAB0

 096F4A

 9FF7CB

 005633

 BBFFE7

 003E1E

 D8FFFF

 002806

 F5FFFF

 000600

 000000

 4CA37B

 4CA37B

 3CA374

 5CA382

 2BA36C

 6DA38A

 1BA365

 7DA391

 0BA35D

 8DA399

 00A358

 9EA3A0

 AEA3A8

 BEA3AF

 CEA3B7

 DFA3BE

Harmonies

Analogous

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



789E5E



4CA37B



00A59E

Triad

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



4CA37B



7392D5



CF7E69

Complementary

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



4CA37B



A34C74

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.



D47889



4CA37B



A586C7

Square

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



4CA37B



2B9DD2



C67BAB



BB8954

Rectangle

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



4CA37B



00A4B4



C67BAB



D27B73

Sweetspot

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



4CA37B



B2D4C4



75A34C



576B62



EBEBEB



6B6B6B

Same Dimension

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



4CA37B



4CD495



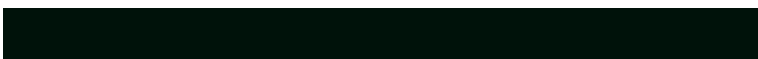
4CA0A3



49524E



00914F



00120A

Inverse Universe

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



A34C74



D44C8A



A34F4C



52494D



910043



120008

Previews

White Background



This preview shows how the Hex color 4CA37B looks on a white background.

Color Contrast Check

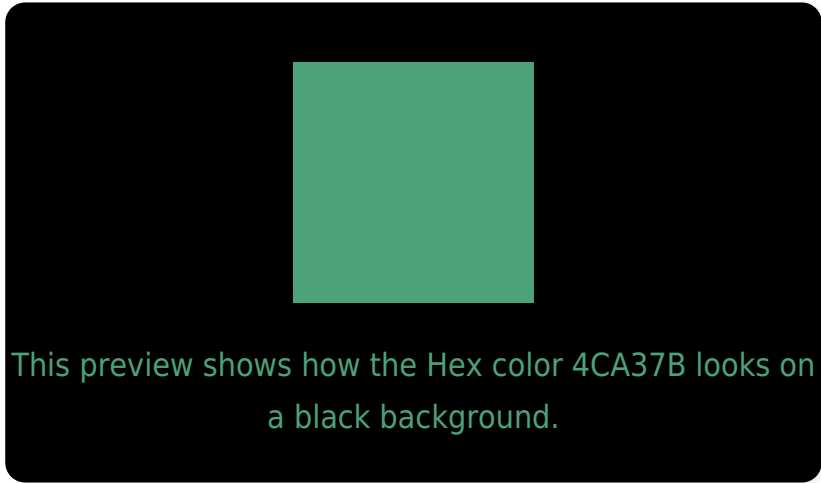
Large Text (above 18pt) WCAG AA ✓ Pass

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

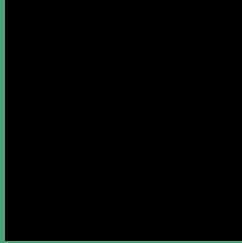
Any Text WCAG AA ✓ Pass

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 4CA37B Background



This preview shows how black text looks on a background with the Hex color 4CA37B.



This preview shows how white text looks on a background with the Hex color 4CA37B.

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](#).

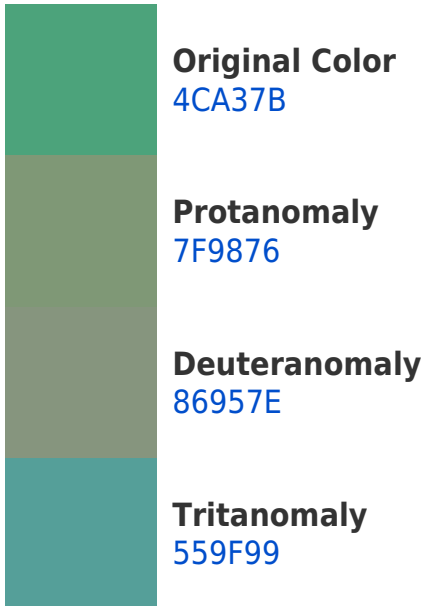
Dichromacy





Tritanopia
5A9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA37B 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 #4CA37B looks like.

```
.text, #text, p{  
    color:#4CA37B  
}
```

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 #4CA37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA37B
}
```

Border

The CSS property to change the border of an element to Hex 4CA37B 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
#4CA37B }
```

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

```
.border{ border-color:#4CA37B }
```

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

Here you see how a box with a 4 pixel #4CA37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA37B; -webkit-box-shadow:4px 4px  
4px 4px #4CA37B; box-shadow:4px 4px 4px  
4px #4CA37B }
```

Background

The CSS property to change the background color of an element to Hex 4CA37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA37B }
```

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

```
.background{ background-color:#4CA37B }
```

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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