

# Converting Colors

Hex(3CA67C)

Have a look what the booklet for  
Hex(3CA67C) contains.

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# Color

Hex(3CA67C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3CA67C
RGB	60, 166, 124
RGB Percent	24%, 65%, 49%
CMY	0.7647, 0.3490, 0.5137
CMYK	0.64, 0.00, 0.25, 0.35
HSL	156°, 47%, 44%
HSV	156°, 64%, 65%
XYZ	19.1378, 29.6883, 23.7905
YIQ	129.5180, -49.6940, -35.5340

# Conversions

## Conversions Part 2

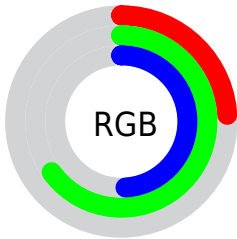
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	60, 126, 166
Decimal	3974780
CIE <sub>Lab</sub>	61.38, -40.49, 12.96
CIE <sub>LCh</sub>	61, 42.518, 162.252
Yxy	29.6883, 0.2635, 0.4088
Android (android.graphics.Color)	4282164860 (0xFF3CA67C)
YUV	129.5180, -2.7204, -60.9673
Hunter-Lab	54.4870, -32.6566, 12.2532

# Details

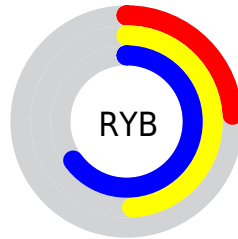
The Hex color **3CA67C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A63C66**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **76DEB1**, and **00714B** is the 20% darker color. If you saturate the color by 10%, you get **2BA675**, and if you desaturate by 10%, it is **4DA683**.

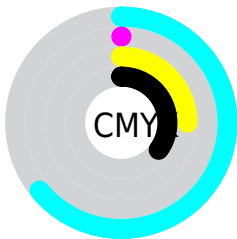
# Distribution



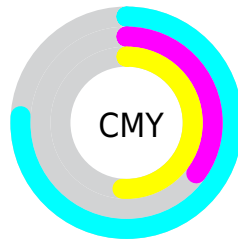
- Red (24%)
- Green (65%)
- Blue (49%)



- Red (24%)
- Yellow (49%)
- Blue (65%)



- Cyan (64%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (76%)
- Magenta (35%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CA67C 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 3CA67C by changing the saturation by 10% instead.



 3CA67C

 3CA67C

FFFFFF

 188B63

 76DEB1

 00714B

 93FBCC

 005834

 AFFFE8

 00401F

 CCFFFF

 002A08

 EAFFFF

 000900

 000000

 3CA67C

 3CA67C

 2BA675

 4DA683

■ 1BA66F

■ 5DA689

■ 0AA668

■ 6EA690

■ 00A664

■ 7EA696

■ 8FA69D

■ A0A6A3

■ B0A6AA

■ C1A6B1

■ D1A6B7

# Harmonies

## Analogous

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



73A05B



3CA67C



00A8A3

# Triad

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



3CA67C



7393DE



D57D63

# Complementary

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



3CA67C



A63C66

# 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.



DC7586



3CA67C



AB84CC

# Square

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



3CA67C



009EDB



CE78AC



BE8A4C

# Rectangle

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



3CA67C



00A7BB



CE78AC



D9796E



# Sweetspot

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



3CA67C



B0D9C8



66A63C



546E64



EDEDED



6E6E6E



# Same Dimension

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



3CA67C



32D997



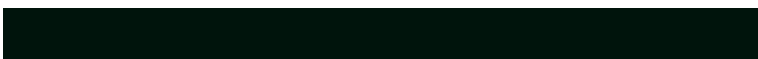
3C9BA6



4C5451



009459



00140C



# Inverse Universe

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



A63C66



D93274



A6473C



544C4F



94003B

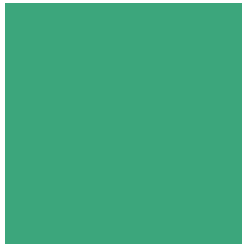


140008



# Previews

## White Background



This preview shows how the Hex color 3CA67C looks on a white background.

## Color Contrast Check

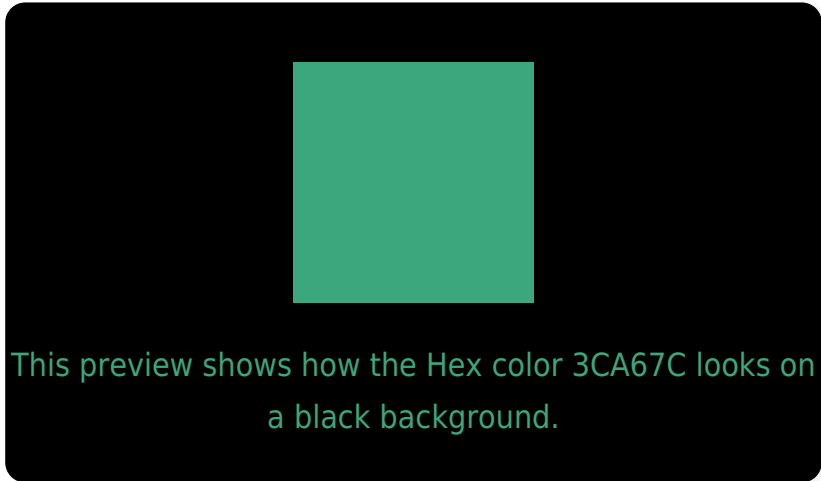
Large Text (above 18pt) WCAG AA ✓ Pass

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 3CA67C Background



This preview shows how black text looks on a background with the Hex color 3CA67C.



This preview shows how white text looks on a background with the Hex color 3CA67C.

# 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**  
3CA67C



**Protanomaly**  
7A9A76



**Deuteranomaly**  
81977F



**Tritanomaly**  
47A29B

# Monochromacy



**Original Color**  
3CA67C



**Achromatopsia**  
828282



**Achromatomaly**  
698F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CA67C 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 #3CA67C looks like.

```
.text, #text, p{  
    color:#3CA67C  
}
```

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 #3CA67C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA67C  
}
```

## Border

The CSS property to change the border of an element to Hex 3CA67C 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  
#3CA67C }
```

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

```
.border{ border-color:#3CA67C }
```

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

Here you see how a box with a 4 pixel #3CA67C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA67C; -webkit-box-shadow:4px 4px  
4px 4px #3CA67C; box-shadow:4px 4px 4px  
4px #3CA67C }
```

# Background

The CSS property to change the background color of an element to Hex 3CA67C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA67C }
```

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

```
.background{ background-color:#3CA67C }
```

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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