

Converting Colors

Hex(3CA77B)

Have a look what the booklet for
Hex(3CA77B) contains.

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Color

Hex(3CA77B)

Conversions

Conversions Part 1	
Format	Color
Hex	3CA77B
RGB	60, 167, 123
RGB Percent	24%, 65%, 48%
CMY	0.7647, 0.3451, 0.5176
CMYK	0.64, 0.00, 0.26, 0.35
HSL	155°, 47%, 45%
HSV	155°, 64%, 65%
XYZ	19.2573, 30.0282, 23.5199
YIQ	129.9910, -49.6480, -36.3680

Conversions

Conversions Part 2

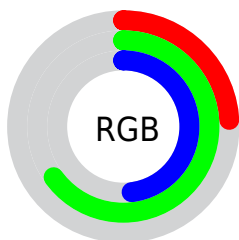
Format	Color
RYB	60, 127, 167
Decimal	3975035
CIELab	61.68, -41.15, 13.93
CIELCh	62, 43.446, 161.304
Yxy	30.0282, 0.2645, 0.4124
Android (android.graphics.Color)	4282165115 (0xFF3CA77B)
YUV	129.9910, -3.4466, -61.3821
Hunter-Lab	54.7979, -33.1671, 12.9106

Details

The Hex color **3CA77B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A73C68**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **76DFB0**, and **00724A** is the 20% darker color. If you saturate the color by 10%, you get **2BA774**, and if you desaturate by 10%, it is **4DA782**.

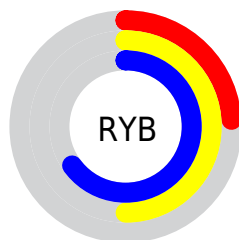
Distribution



Red (24%)

Green (65%)

Blue (48%)



Red (24%)

Yellow (50%)

Blue (65%)

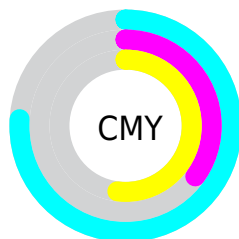


Cyan (64%)

Magenta (0%)

Yellow (26%)

Black (35%)



Cyan (76%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA77B 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 3CA77B by changing the saturation by 10% instead.

 3CA77B

 3CA77B

FFFFFF

 178C62

 76DFB0

 00724A

 93FCCB

 005933

 B0FFE7

 00401E

 CDFFFF

 002A06

 EAffFF

 000B00

 000000

 3CA77B

 3CA77B

 2BA774

 4DA782

 1BA76D

 5DA789

 0AA766

 6EA790

 00A762

 7FA796

 8FA79D

 A0A7A4

 B1A7AB

 C2A7B2

 D2A7B9

Harmonies

Analogous

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



74A159



3CA77B



00A9A3

Triad

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



3CA77B



7094E0



D77D64

Complementary

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



3CA77B



A73C68

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.



DE7588



3CA77B



AB85CF

Square

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



3CA77B



00A0DD



D079AF



C08A4C

Rectangle

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



3CA77B



00A8BC



D079AF



DC796F

Sweetspot

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



3CA77B



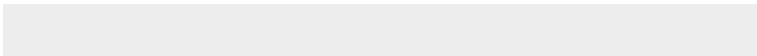
B0D9C8



69A73C



546E63



EDEDED



6E6E6E

Same Dimension

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



3CA77B



32D994



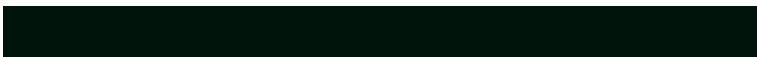
3C9EA7



4C5451



009457



00140C

Inverse Universe

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



A73C68



D93276



A7453C



544C4F



94003D



140008

Previews

White Background



This preview shows how the Hex color 3CA77B 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



This preview shows how the Hex color 3CA77B looks on a 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 3CA77B Background



This preview shows how black text looks on a background with the Hex color 3CA77B.



This preview shows how white text looks on a background with the Hex color 3CA77B.

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



Original Color
[3CA77B](#)

Protanopia
[9E9472](#)

Deuteranopia
[A98E80](#)

Trichromacy



Original Color

3CA77B



Protanomaly

7A9B75



Deuteranomaly

81977E



Tritanomaly

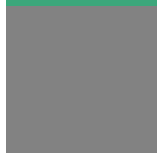
47A39B

Monochromacy



Original Color

3CA77B



Achromatopsia

828282



Achromatomaly

698F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA77B 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 #3CA77B looks like.

```
.text, #text, p{  
    color:#3CA77B  
}
```

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 #3CA77B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA77B
}
```

Border

The CSS property to change the border of an element to Hex 3CA77B 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
#3CA77B }
```

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

```
.border{ border-color:#3CA77B }
```

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

Here you see how a box with a 4 pixel #3CA77B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA77B; -webkit-box-shadow:4px 4px  
4px 4px #3CA77B; box-shadow:4px 4px 4px  
4px #3CA77B }
```

Background

The CSS property to change the background color of an element to Hex 3CA77B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA77B }
```

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

```
.background{ background-color:#3CA77B }
```

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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