

# Converting Colors

Hex(A3C771)

Have a look what the booklet for  
Hex(A3C771) contains.

<b>Hex(A3C771)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A3C771)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3C771
RGB	163, 199, 113
RGB Percent	64%, 78%, 44%
CMY	0.3608, 0.2196, 0.5569
CMYK	0.18, 0.00, 0.43, 0.22
HSL	85°, 43%, 61%
HSV	85°, 43%, 78%
XYZ	38.5083, 49.8256, 23.2105
YIQ	178.4320, 6.1500, -34.3780

# Conversions

## Conversions Part 2

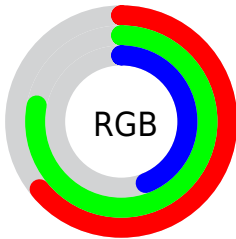
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 199, 149</a>
Decimal	<a href="#">10733425</a>
CIELab	<a href="#">75.96, -26.41, 39.08</a>
CIELCh	<a href="#">76, 47.169, 124.050</a>
Yxy	<a href="#">49.8256, 0.3452, 0.4467</a>
Android (android.graphics.Color)	<a href="#">4288923505 (0xFFA3C771)</a>
YUV	<a href="#">178.4320, -32.2580, -13.5339</a>
Hunter-Lab	<a href="#">70.5873, -26.1485, 29.9154</a>

# Details

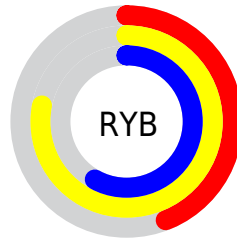
The Hex color **A3C771** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9571C7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **DBFFA6**, and **6D913F** is the 20% darker color. If you saturate the color by 10%, you get **9BC75D**, and if you desaturate by 10%, it is **ABC785**.

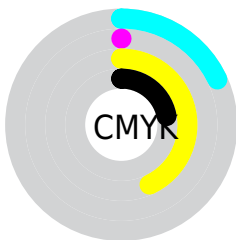
# Distribution



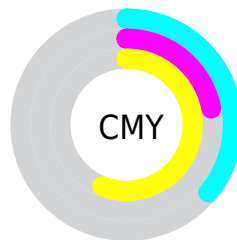
- Red (64%)
- Green (78%)
- Blue (44%)



- Red (44%)
- Yellow (78%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3C771 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 A3C771 by changing the saturation by 10% instead.



 A3C771

 A3C771

FFFFFF

 88AC58

 DBFFA6

 6D913F

 F8FFC2

 547726

 FFFFDE

 3B5E0B

 FFFFFB

 224600

 063000

 001D00

 000000

 A3C771

 A3C771

 9BC75D

 ABC785

 92C749

 B4C799

 8AC735

 BCC7AD

 82C721

 C4C7C1

 79C70E

 CDC7D5

 74C700

 D5C7E8

 DDC7FC

 E6C7FF

 EEC7FF

# Harmonies

## Analogous

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



D1BB63



A3C771



6CCF94

# Triad

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



A3C771



00CAFF



FF98B7

# Complementary

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



A3C771



9571C7

# Split Complementary

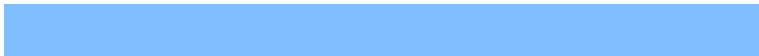
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F69FE2



A3C771



81BEFF

# Square

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



A3C771



00D1EB



C7AEFF



FF9D8D

# Rectangle

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



A3C771



38D1B1



C7AEFF



FF99C6



# Sweetspot

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



A3C771



F1FFDE



C79571



77806B



000000



808080

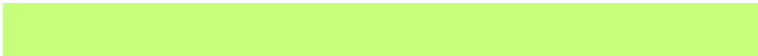


# Same Dimension

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



A3C771



C7FF7A



78C771



5F635A



5FA300



152400



# Inverse Universe

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



9571C7



B27AFF



C071C7



5E5A63



4400A3



0F0024



# Previews

## White Background



This preview shows how the Hex color A3C771 looks on a white background.

## Color Contrast Check

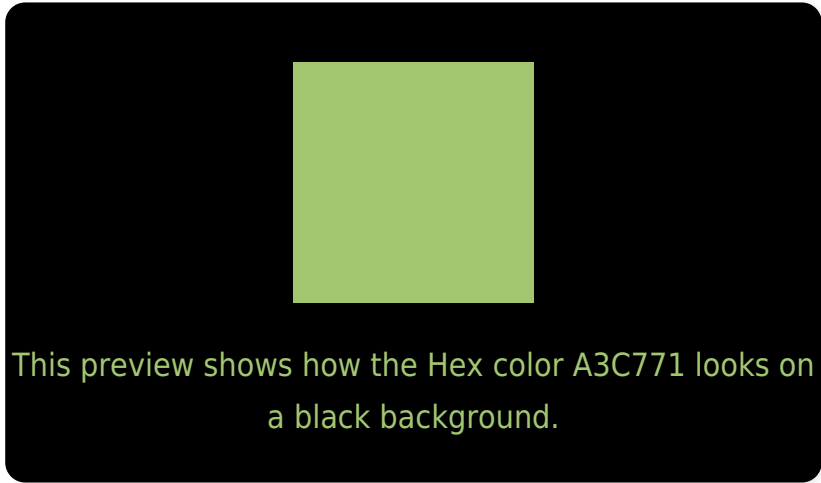
Large Text (above 18pt) WCAG AA × Fail

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 A3C771 Background



This preview shows how black text looks on a background with the Hex color A3C771.

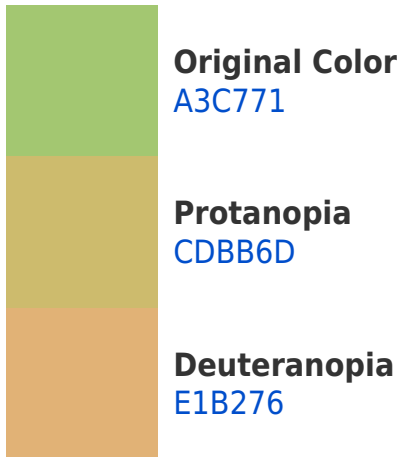


This preview shows how white text looks on a background with the Hex color A3C771.

# Color Blindness Simulation

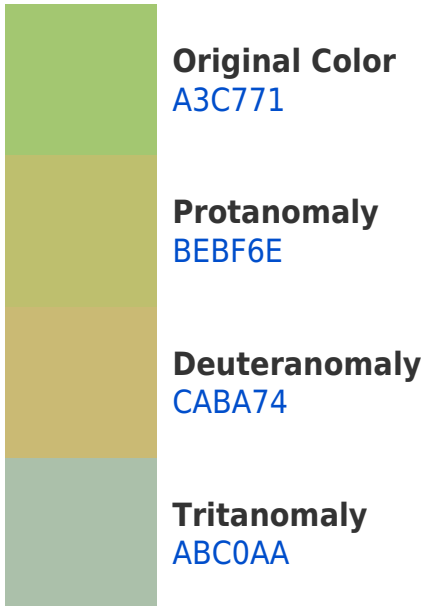
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

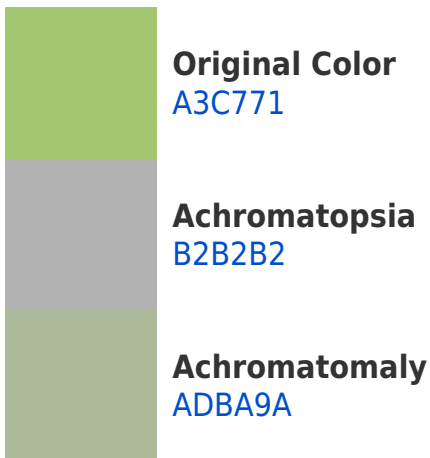




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3C771 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 #A3C771 looks like.

```
.text, #text, p{  
    color:#A3C771  
}
```

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 #A3C771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C771
}
```

## Border

The CSS property to change the border of an element to Hex A3C771 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
#A3C771 }
```

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

```
.border{ border-color:#A3C771 }
```

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

Here you see how a box with a 4 pixel #A3C771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C771; -webkit-box-shadow:4px 4px  
4px 4px #A3C771; box-shadow:4px 4px 4px  
4px #A3C771 }
```

# Background

The CSS property to change the background color of an element to Hex A3C771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C771 }
```

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

```
.background{ background-color:#A3C771 }
```

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