

# Converting Colors

Hex(A3C757)

Have a look what the booklet for  
Hex(A3C757) contains.

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**Color**

**Hex(A3C757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3C757
RGB	163, 199, 87
RGB Percent	64%, 78%, 34%
CMY	0.3608, 0.2196, 0.6588
CMYK	0.18, 0.00, 0.56, 0.22
HSL	79°, 50%, 56%
HSV	79°, 56%, 78%
XYZ	37.2480, 49.3215, 16.5737
YIQ	175.4680, 14.4960, -42.4640

# Conversions

## Conversions Part 2

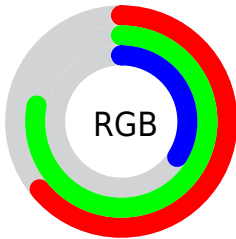
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	87, 199, 123
Decimal	10733399
CIE <sub>Lab</sub>	75.65, -29.15, 51.23
CIE <sub>LCh</sub>	76, 58.945, 119.639
Yxy	49.3215, 0.3611, 0.4782
Android (android.graphics.Color)	4288923479 (0xFFA3C757)
YUV	175.4680, -43.6147, -10.9344
Hunter-Lab	70.2293, -28.2289, 35.1684

# Details

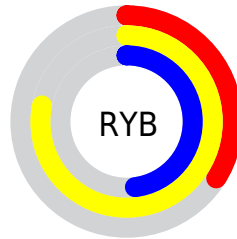
The Hex color **A3C757** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7B57C7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **DCFF8C**, and **6C9121** is the 20% darker color. If you saturate the color by 10%, you get **9DC743**, and if you desaturate by 10%, it is **A9C76B**.

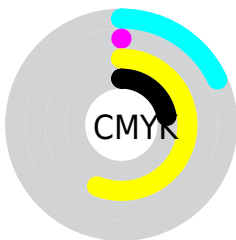
# Distribution



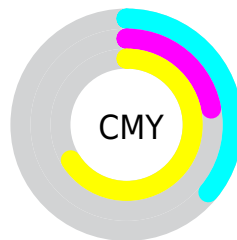
- Red (64%)
- Green (78%)
- Blue (34%)



- Red (34%)
- Yellow (78%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3C757 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 A3C757 by changing the saturation by 10% instead.



 A3C757

 A3C757

FFFFFF

 87AC3D

 DCFF8C

 6C9121

 F9FFA8

 527700

 FFFFC3

 385E00

 FFFFEO

 1E4600

FFFFFFD

 003000

 001C00

 000000

 A3C757

 A3C757

■ 9DC743

■ A9C76B

■ 96C72F

■ B0C77F

■ 90C71B

■ B6C793

■ 89C707

■ BDC7A7

■ 87C700

■ C3C7BB

■ C9C7CE

■ D0C7E2

■ D6C7F6

■ DDC7FF

# Harmonies

## Analogous

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



DAB748



A3C757



5BD181

# Triad

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



A3C757



00CEFF



FF8BBD

# Complementary

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



A3C757



7B57C7

# 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.



FC97F2



A3C757



47C0FF

# Square

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



A3C757



00D5EF



BCACFF



FF9188

# Rectangle

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



A3C757



00D4A5



BCACFF



FF8DD0

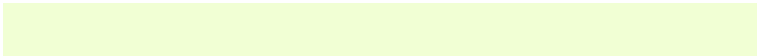


# Sweetspot

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



A3C757



F1FFD4



C77A57



778066



000000



808080



# Same Dimension

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



A3C757



C7FF52



6CC757



60635A



6FA300



182400



# Inverse Universe

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



7B57C7



8952FF



B257C7



5D5A63



3400A3



0B0024



# Previews

## White Background



This preview shows how the Hex color A3C757 looks on a white background.

## Color Contrast Check

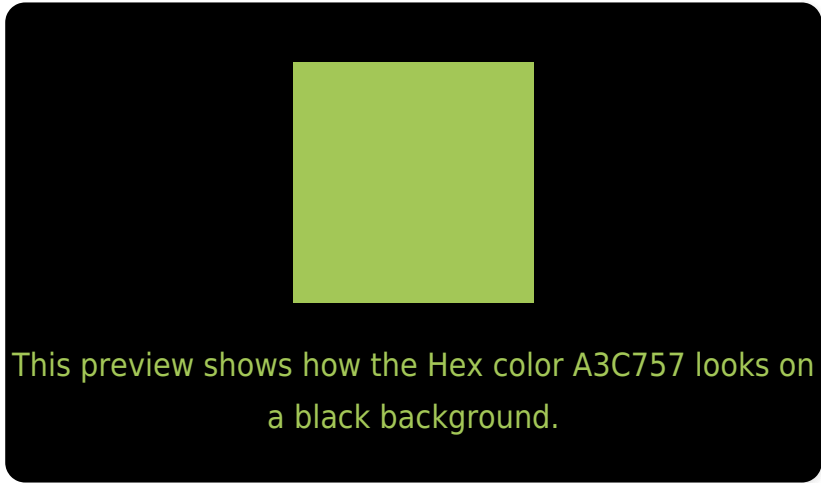
Large Text (above 18pt) WCAG AA × Fail

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 A3C757 Background



This preview shows how black text looks on a background with the Hex color A3C757.

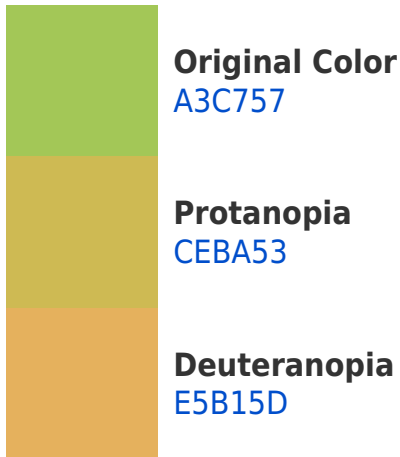


This preview shows how white text looks on a background with the Hex color A3C757.

# Color Blindness Simulation

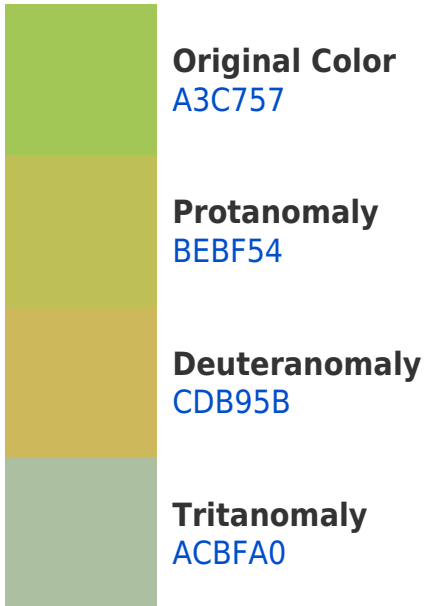
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

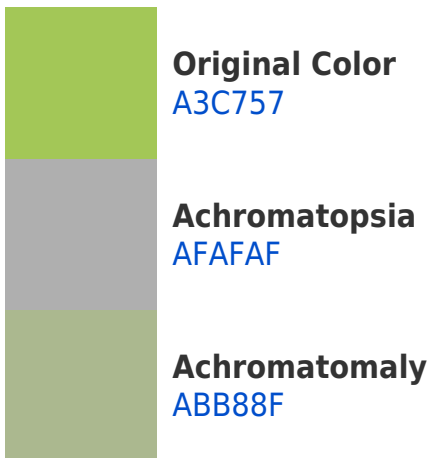




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3C757 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 #A3C757 looks like.

```
.text, #text, p{  
    color:#A3C757  
}
```

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 #A3C757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C757
}
```

## Border

The CSS property to change the border of an element to Hex A3C757 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
#A3C757 }
```

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

```
.border{ border-color:#A3C757 }
```

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

Here you see how a box with a 4 pixel #A3C757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C757; -webkit-box-shadow:4px 4px  
4px 4px #A3C757; box-shadow:4px 4px 4px  
4px #A3C757 }
```

# Background

The CSS property to change the background color of an element to Hex A3C757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C757 }
```

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

```
.background{ background-color:#A3C757 }
```

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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