

# Converting Colors

Hex(A6C859)

Have a look what the booklet for  
Hex(A6C859) contains.

|  |    |
|--|----|
| <b>Hex(A6C859)</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(A6C859)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | A6C859                      |
| RGB           | 166, 200, 89                |
| RGB Percent   | 65%, 78%, 35%               |
| CMY           | 0.3490, 0.2157, 0.6510      |
| CMYK          | 0.17, 0.00, 0.56, 0.22      |
| HSL           | 78°, 50%, 57%               |
| HSV           | 78°, 56%, 78%               |
| XYZ           | 38.1833, 50.1368, 17.1161   |
| YIQ           | 177.1800, 15.3670, -41.7290 |

# Conversions

## Conversions Part 2

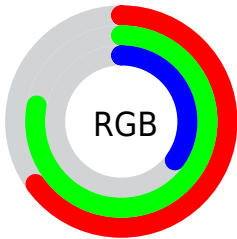
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 89, 200, 123                   |
| Decimal                             | 10930265                       |
| CIE <sub>Lab</sub>                  | 76.15, -28.28, 50.95           |
| CIE <sub>LCh</sub>                  | 76, 58.268, 119.033            |
| Yxy                                 | 50.1368, 0.3621,<br>0.4755     |
| Android<br>(android.graphics.Color) | 4289120345<br>(0xFFA6C859)     |
| YUV                                 | 177.1800, -43.4727,<br>-9.8049 |
| Hunter-Lab                          | 70.8074, -27.6556,<br>35.2331  |

# Details

The Hex color **A6C859** 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 **7B59C8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DFFF8E**, and **6F9224** is the 20% darker color. If you saturate the color by 10%, you get **A0C845**, and if you desaturate by 10%, it is **ACC86D**.

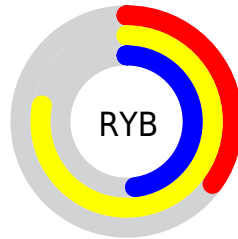
# Distribution



Red (65%)

Green (78%)

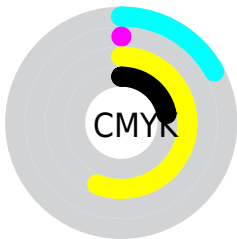
Blue (35%)



Red (35%)

Yellow (78%)

Blue (48%)

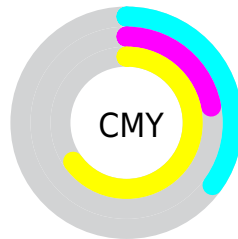


Cyan (17%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6C859 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 A6C859 by changing the saturation by 10% instead.



 A6C859

 A6C859

FFFFFF

 8AAD3F

 DFFF8E

 6F9224


 FCFFAA


 557800

 FFFFC6

 3B5F00

 FFFF E2

 214700

 013000

 001E00

 000000

 A6C859

 A6C859

 A0C845

 ACC86D

 9AC831

 B2C881

 94C81D

 B8C895

 8DC809

 BFC8A9

 8BC800

 C5C8BD

 CBC8D1

 D1C8E5

 D7C8F9

 DDC8FF

# Harmonies

## Analogous

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



DCB84B



A6C859



60D282

# Triad

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



A6C859



00CFFF



FF8DC0

# Complementary

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



A6C859



7B59C8

# 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.



FC99F4



A6C859



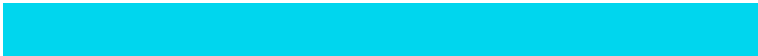
49C2FF

# Square

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



A6C859



00D6EE



BCAEFF



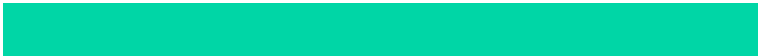
FF938B

# Rectangle

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



A6C859



00D6A6



BCAEFF



FF90D2

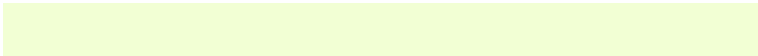


# Sweetspot

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



A6C859



F2FFD4



C87A59



788066



000000



808080



# Same Dimension

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



A6C859



CBFF54



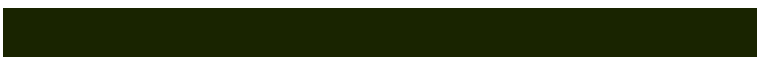
6FC859



60635A



71A300



192400



# Inverse Universe

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



7B59C8



8854FF



B259C8



5D5A63



3200A3



0B0024



# Previews

## White Background



This preview shows how the Hex color A6C859 looks on a white background.

## Color Contrast Check

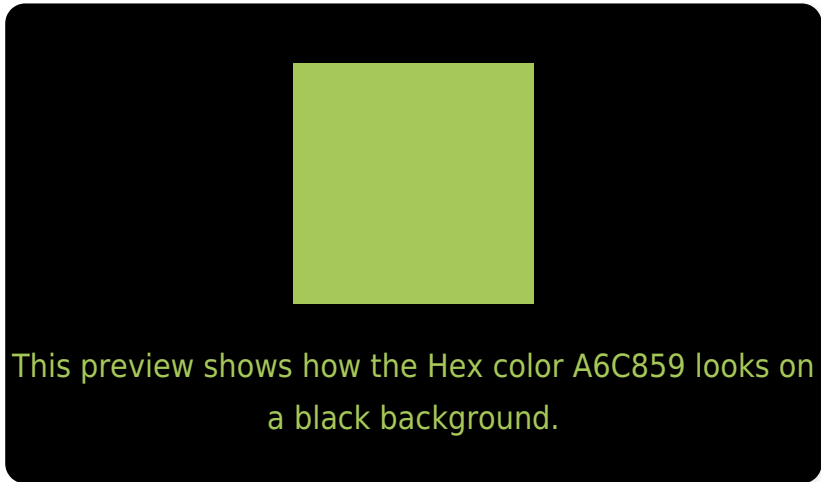
Large Text (above 18pt) WCAG AA × Fail

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 A6C859 Background



This preview shows how black text looks on a background with the Hex color A6C859.

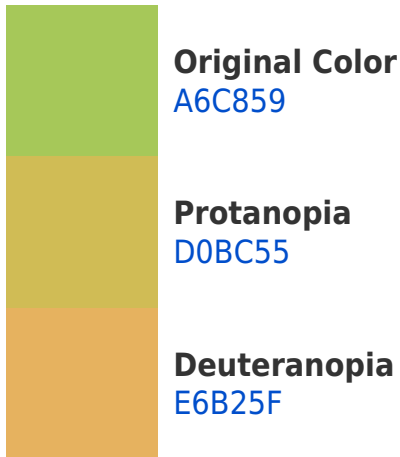


This preview shows how white text looks on a background with the Hex color A6C859.

# Color Blindness Simulation

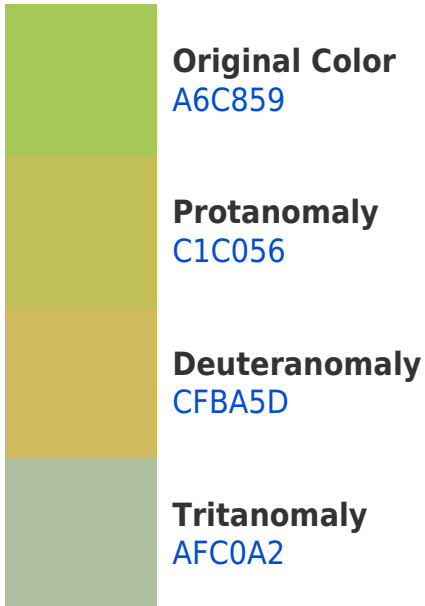
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6C859 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 #A6C859 looks like.

```
.text, #text, p{  
    color:#A6C859  
}
```

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 #A6C859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C859
}
```

## Border

The CSS property to change the border of an element to Hex A6C859 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
#A6C859 }
```

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

```
.border{ border-color:#A6C859 }
```

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

Here you see how a box with a 4 pixel #A6C859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C859; -webkit-box-shadow:4px 4px  
4px 4px #A6C859; box-shadow:4px 4px 4px  
4px #A6C859 }
```

# Background

The CSS property to change the background color of an element to Hex A6C859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C859 }
```

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

```
.background{ background-color:#A6C859 }
```

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