

# Converting Colors

Hex(8AC363)

Have a look what the booklet for  
Hex(8AC363) contains.

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**Color**

**Hex(8AC363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC363
RGB	138, 195, 99
RGB Percent	54%, 76%, 39%
CMY	0.4588, 0.2353, 0.6118
CMYK	0.29, 0.00, 0.49, 0.24
HSL	96°, 44%, 58%
HSV	96°, 49%, 76%
XYZ	32.2485, 45.3343, 18.8551
YIQ	167.0130, -3.1560, -41.9400

# Conversions

## Conversions Part 2

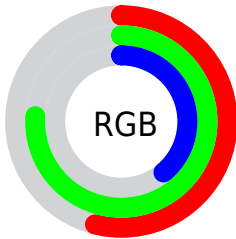
Format	Color
<a href="#">RYB</a>	<a href="#">99, 195, 156</a>
Decimal	<a href="#">9093987</a>
CIELab	<a href="#">73.11, -35.37, 42.16</a>
CIElCh	<a href="#">73, 55.033, 129.991</a>
Yxy	<a href="#">45.3343, 0.3344, 0.4701</a>
Android (android.graphics.Color)	<a href="#">4287284067 (0xFF8AC363)</a>
YUV	<a href="#">167.0130, -33.5304, -25.4444</a>
Hunter-Lab	<a href="#">67.3308, -32.3352, 30.5282</a>

# Details

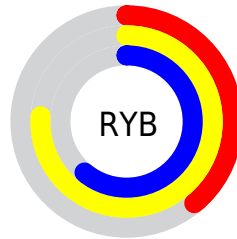
The Hex color **8AC363** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9C63C3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C2FC98**, and **558D31** is the 20% darker color. If you saturate the color by 10%, you get **7EC34F**, and if you desaturate by 10%, it is **96C377**.

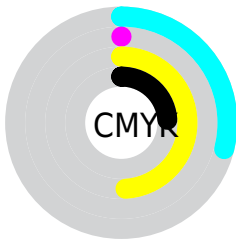
# Distribution



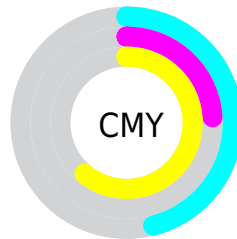
- Red (54%)
- Green (76%)
- Blue (39%)



- Red (39%)
- Yellow (76%)
- Blue (61%)



- Cyan (29%)
- Magenta (0%)
- Yellow (49%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC363 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 8AC363 by changing the saturation by 10% instead.





8AC363



8AC363

FFFFFF



6FA84A



C2FC98



558D31



DEFFB3



3A7316



FCFFCF



1E5A00



FFF FEC



004200



002B00



001300



000000



8AC363



8AC363

 7EC34F

 96C377

 73C33C

 A1C38A

 67C329

 ADC39E

 5CC315

 B8C3B1

 50C302

 C4C3C4

 4FC300

 CFC3D8

 DBC3EC

 E7C3FF

 F2C3FF

# Harmonies

## Analogous

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



C1B64B



8AC363



3ACA8F

# Triad

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



8AC363



00C2FF



FF88A4

# Complementary

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



8AC363



9C63C3

# Split Complementary

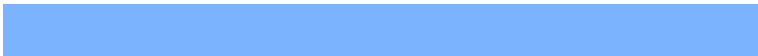
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FE8ED7



8AC363



7BB3FF

# Square

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



8AC363



00CBF3



CD9FFF



FF9275

# Rectangle

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



8AC363



00CDB2



CD9FFF



FF88B6

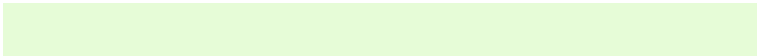


# Sweetspot

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



8AC363



E6FCD7



C39B63



728069



000000



808080



# Same Dimension

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



8AC363



A4FC68



63C36B



5B6157



41A100



0D2100



# Inverse Universe

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



9C63C3



C068FC



C363BB



5D5761



5F00A1



140021



# Previews

## White Background



This preview shows how the Hex color 8AC363 looks on a white background.

## Color Contrast Check

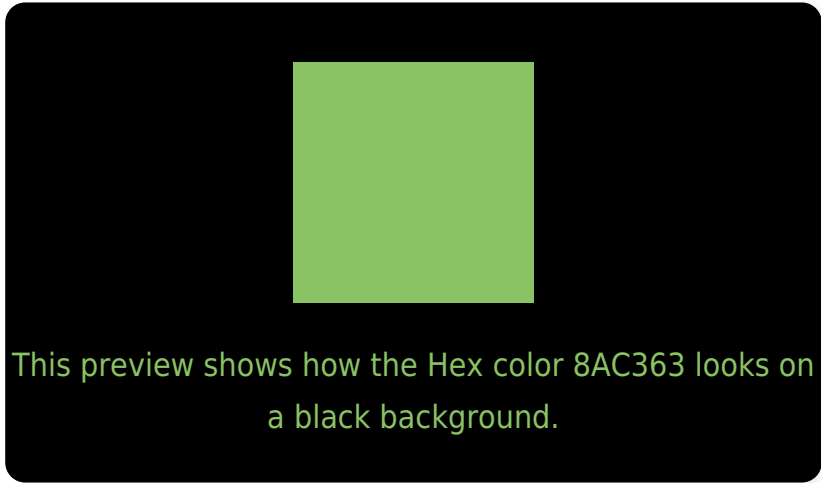
Large Text (above 18pt) WCAG AA × Fail

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 8AC363 Background



This preview shows how black text looks on a background with the Hex color 8AC363.

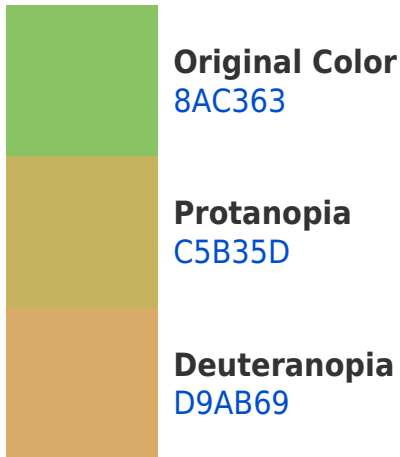


This preview shows how white text looks on a background with the Hex color 8AC363.

# 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](#).

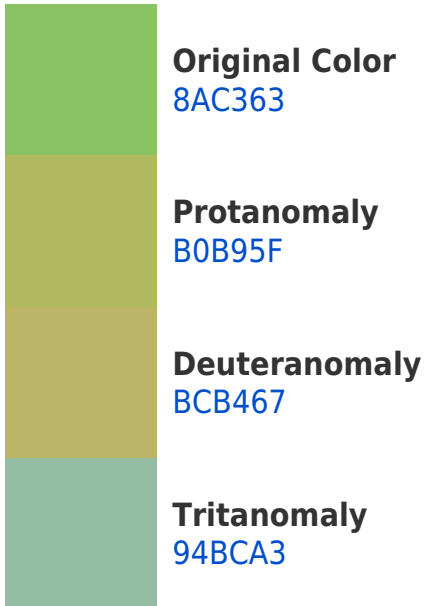
## Dichromacy



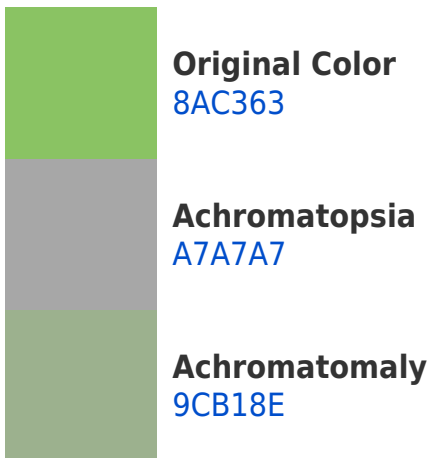


**Tritanopia**  
99B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC363 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 #8AC363 looks like.

```
.text, #text, p{  
    color:#8AC363  
}
```

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 #8AC363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC363
}
```

## Border

The CSS property to change the border of an element to Hex 8AC363 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
#8AC363 }
```

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

```
.border{ border-color:#8AC363 }
```

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

Here you see how a box with a 4 pixel #8AC363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC363; -webkit-box-shadow:4px 4px  
4px 4px #8AC363; box-shadow:4px 4px 4px  
4px #8AC363 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC363 }
```

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

```
.background{ background-color:#8AC363 }
```

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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