

# Converting Colors

Hex(8ECA54)

Have a look what the booklet for  
Hex(8ECA54) contains.

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# **Color**

**Hex(8ECA54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8ECA54
RGB	142, 202, 84
RGB Percent	56%, 79%, 33%
CMY	0.4431, 0.2078, 0.6706
CMYK	0.30, 0.00, 0.58, 0.21
HSL	91°, 53%, 56%
HSV	91°, 58%, 79%
XYZ	33.8761, 48.6319, 15.9890
YIQ	170.6080, 2.1180, -49.4180

# Conversions

## Conversions Part 2

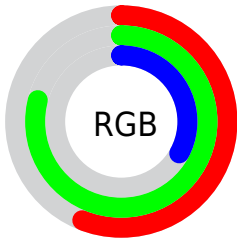
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 202, 144
Decimal	9357908
CIELab	75.22, -38.69, 51.76
CIELCh	75, 64.626, 126.778
Yxy	48.6319, 0.3439, 0.4937
Android (android.graphics.Color)	4287547988 (0xFF8ECA54)
YUV	170.6080, -42.6977, -25.0892
Hunter-Lab	69.7366, -35.3287, 35.2218

# Details

The Hex color **8ECA54** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9054CA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C7FF89**, and **57931D** is the 20% darker color. If you saturate the color by 10%, you get **84CA40**, and if you desaturate by 10%, it is **98CA68**.

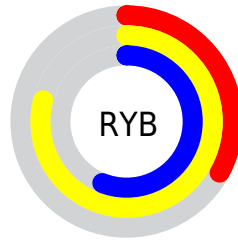
# Distribution



Red (56%)

Green (79%)

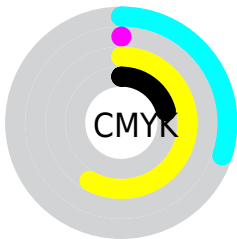
Blue (33%)



Red (33%)

Yellow (79%)

Blue (56%)

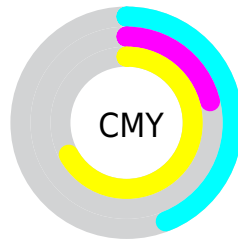


Cyan (30%)

Magenta (0%)

Yellow (58%)

Black (21%)



Cyan (44%)

Magenta (21%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ECA54 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 8ECA54 by changing the saturation by 10% instead.





8ECA54



8ECA54

FFFFFF



72AE3A



C7FF89



57931D



E4FFA5



3C7900



FFFFC1



1E6000



FFFFDD



004800



FFFFFA



003100



001B00



000000



8ECA54



8ECA54

■ 84CA40

■ 98CA68

■ 79CA2C

■ A3CA7C

■ 6FCA17

■ ADCA91

■ 65CA03

■ B7CAA5

■ 63CA00

■ C1CAB9

■ CCCACD

■ D6CAE1

■ E0CAF6

■ EACAFF

# Harmonies

## Analogous

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



CDBB39



8ECA54



1FD388

# Triad

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



8ECA54



00CCFF



FF83AE

# Complementary

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



8ECA54



9054CA

# 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.



FF8CE9



8ECA54



5ABBFF

# Square

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



8ECA54



00D4FF



CEA4FF



FF8F75

# Rectangle

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



8ECA54



00D6B1



CEA4FF



FF84C2

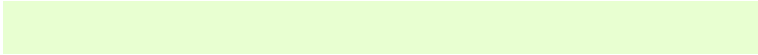


# Sweetspot

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



8ECA54



E8FFD1



CA8F54



718063



000000



808080



# Same Dimension

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



8ECA54



A4FF4D



54CA54



61665C



51A600



132600



# Inverse Universe

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



9054CA



A74DFF



CA54CA



615C66



5400A6



130026



# Previews

## White Background



This preview shows how the Hex color 8ECA54 looks on a white background.

## Color Contrast Check

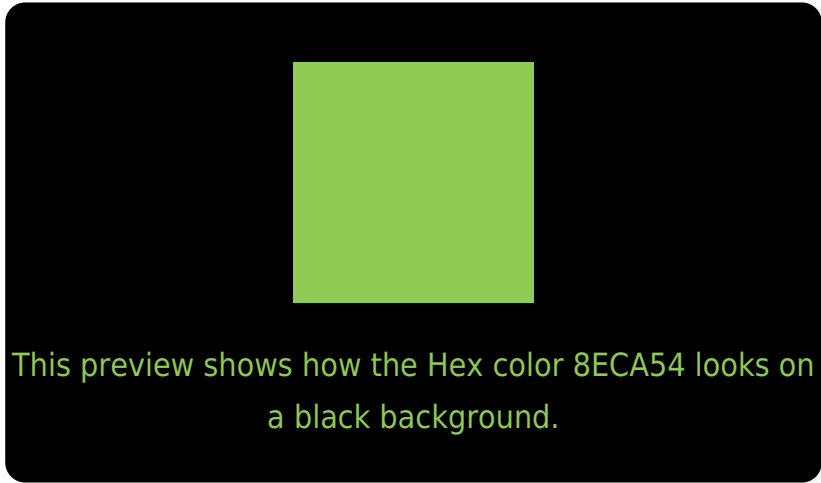
Large Text (above 18pt) WCAG AA × Fail

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 8ECA54 Background



This preview shows how black text looks on a background with the Hex color 8ECA54.

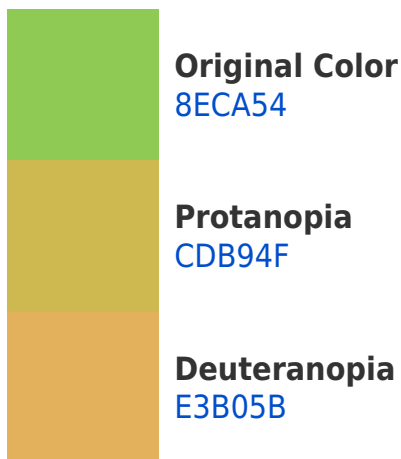


This preview shows how white text looks on a background with the Hex color 8ECA54.

# 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](#).

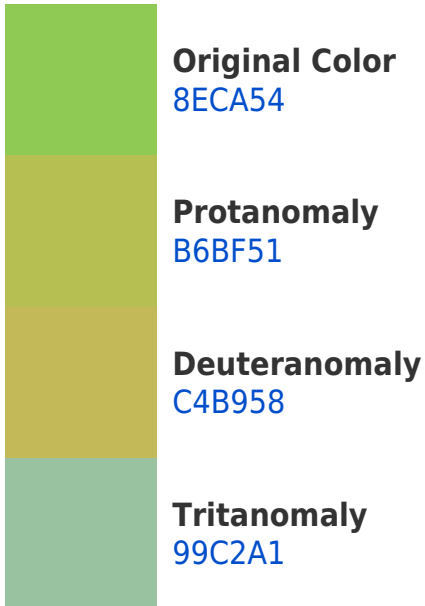
## Dichromacy



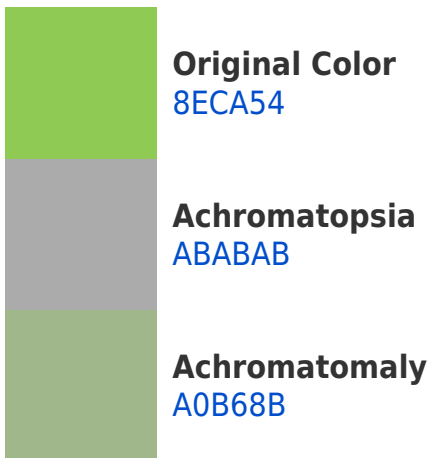


**Tritanopia**  
9FBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ECA54 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 #8ECA54 looks like.

```
.text, #text, p{  
    color:#8ECA54  
}
```

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 #8ECA54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECA54
}
```

## Border

The CSS property to change the border of an element to Hex 8ECA54 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
#8ECA54 }
```

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

```
.border{ border-color:#8ECA54 }
```

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

Here you see how a box with a 4 pixel #8ECA54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECA54; -webkit-box-shadow:4px 4px  
4px 4px #8ECA54; box-shadow:4px 4px 4px  
4px #8ECA54 }
```

# Background

The CSS property to change the background color of an element to Hex 8ECA54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECA54 }
```

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

```
.background{ background-color:#8ECA54 }
```

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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