

# Converting Colors

Hex(8ECA4C)

Have a look what the booklet for  
Hex(8ECA4C) contains.

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# Color

Hex(8ECA4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	8ECA4C
RGB	142, 202, 76
RGB Percent	56%, 79%, 30%
CMY	0.4431, 0.2078, 0.7020
CMYK	0.30, 0.00, 0.62, 0.21
HSL	89°, 54%, 55%
HSV	89°, 62%, 79%
XYZ	33.5804, 48.5136, 14.4317
YIQ	169.6960, 4.6860, -51.9060

# Conversions

## Conversions Part 2

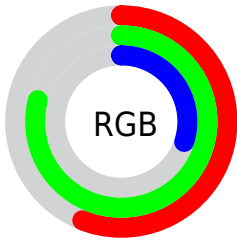
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 202, 136
Decimal	9357900
CIELab	75.15, -39.41, 55.18
CIElCh	75, 67.807, 125.534
Yxy	48.5136, 0.3479, 0.5026
Android (android.graphics.Color)	4287547980 (0xFF8ECA4C)
YUV	169.6960, -46.1921, -24.2894
Hunter-Lab	69.6517, -35.8325, 36.4715

# Details

The Hex color **8ECA4C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **884CCA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C7FF82**, and **579310** is the 20% darker color. If you saturate the color by 10%, you get **84CA38**, and if you desaturate by 10%, it is **98CA60**.

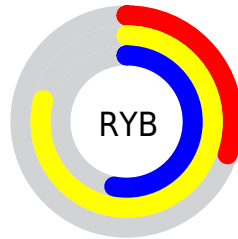
# Distribution



Red (56%)

Green (79%)

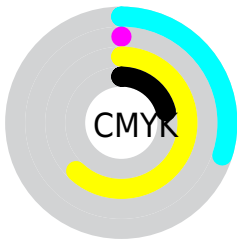
Blue (30%)



Red (30%)

Yellow (79%)

Blue (53%)

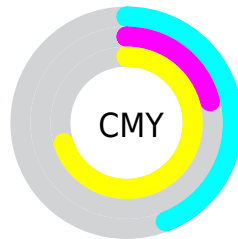


Cyan (30%)

Magenta (0%)

Yellow (62%)

Black (21%)



Cyan (44%)

Magenta (21%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ECA4C 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 8ECA4C by changing the saturation by 10% instead.



 8ECA4C

 8ECA4C

FFFFFF

 72AE31

 C7FF82

 579310

 E4FF9D

 3B7900

 FFFFB9

 1D6000

 FFFF66

 004800

 FFFF33

 003100

 001B00

 000000

 8ECA4C

 8ECA4C

 84CA38

 98CA60

 7BCA24

 A1CA74

 71CA0F

 ABCA89

 6ACA00

 B4CA9D

 BECAB1

 C8CAC5

 D1CAD9

 DBCAEE

 E5CAFF

# Harmonies

## Analogous

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



CFBA30



8ECA4C



0BD383

# Triad

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



8ECA4C



00CDFE



FF7FB0

# Complementary

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



8ECA4C



884CCA

# 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.



FF8AEE



8ECA4C



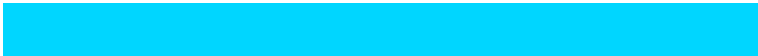
42BCFF

# Square

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



8ECA4C



00D6FF



CBA4FF



FF8B74

# Rectangle

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



8ECA4C



00D7AD



CBA4FF



FF80C5

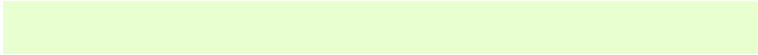


# Sweetspot

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



8ECA4C



E8FFCF



CA874C



728062



000000



808080



# Same Dimension

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



8ECA4C



A4FF40



50CA4C



61665C



57A600



142600



# Inverse Universe

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



884CCA



9B40FF



C64CCA



615C66



4F00A6



120026



# Previews

## White Background



This preview shows how the Hex color 8ECA4C looks on a white background.

## Color Contrast Check

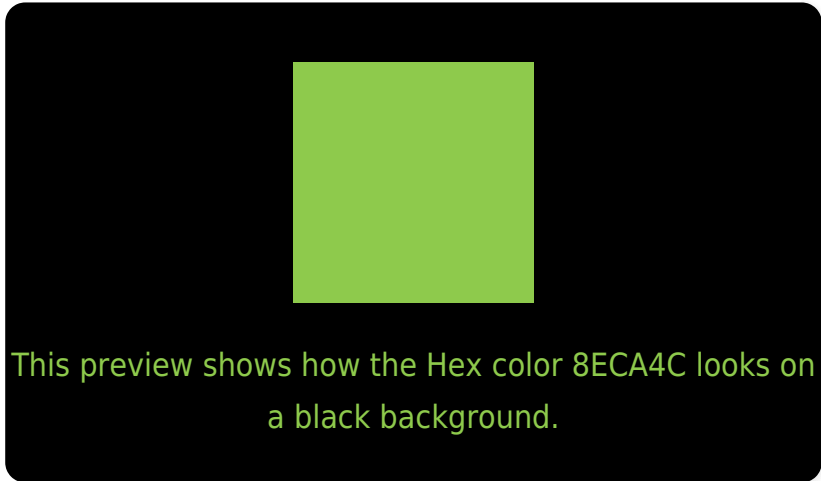
Large Text (above 18pt) WCAG AA × Fail

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 8ECA4C Background



This preview shows how black text looks on a background with the Hex color 8ECA4C.



This preview shows how white text looks on a background with the Hex color 8ECA4C.

# 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



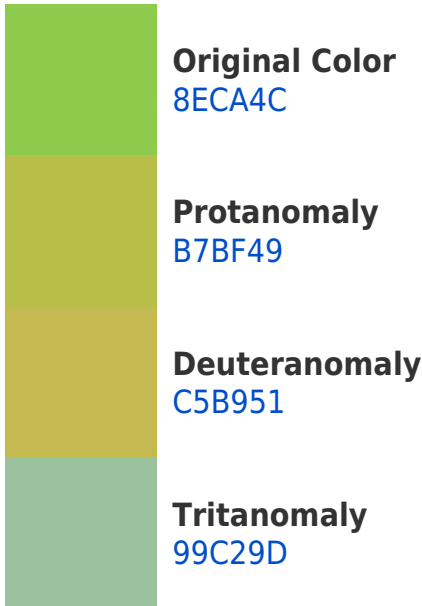
**Original Color**  
8ECA4C

**Protanopia**  
CEB947

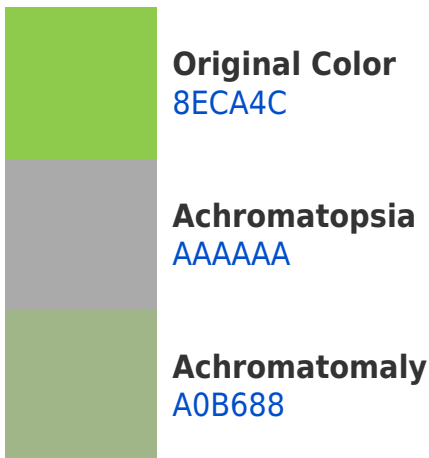
**Deuteranopia**  
E4AF54



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ECA4C 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 #8ECA4C looks like.

```
.text, #text, p{  
    color:#8ECA4C  
}
```

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 #8ECA4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECA4C
}
```

## Border

The CSS property to change the border of an element to Hex 8ECA4C 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
#8ECA4C }
```

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

```
.border{ border-color:#8ECA4C }
```

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

Here you see how a box with a 4 pixel #8ECA4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECA4C; -webkit-box-shadow:4px 4px  
4px 4px #8ECA4C; box-shadow:4px 4px 4px  
4px #8ECA4C }
```

# Background

The CSS property to change the background color of an element to Hex 8ECA4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECA4C }
```

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

```
.background{ background-color:#8ECA4C }
```

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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