

Converting Colors

Hex(8ECB34)

Have a look what the booklet for
Hex(8ECB34) contains.

Hex(8ECB34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8ECB34)

Conversions

Conversions Part 1

Format	Color
Hex	8ECB34
RGB	142, 203, 52
RGB Percent	56%, 80%, 20%
CMY	0.4431, 0.2039, 0.7961
CMYK	0.30, 0.00, 0.74, 0.20
HSL	84°, 59%, 50%
HSV	84°, 74%, 80%
XYZ	33.1311, 48.7106, 10.9047
YIQ	167.5470, 12.1150, -59.8930

Conversions

Conversions Part 2

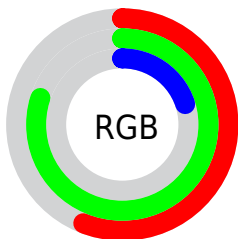
Format	Color
RYB	52, 203, 113
Decimal	9358132
CIELab	75.27, -41.52, 64.49
CIElCh	75, 76.697, 122.778
Yxy	48.7106, 0.3572, 0.5252
Android (android.graphics.Color)	4287548212 (0xFF8ECB34)
YUV	167.5470, -56.9647, -22.4047
Hunter-Lab	69.7930, -37.4028, 39.5914

Details

The Hex color **8ECB34** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7134CB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C8FF6D**, and **569400** is the 20% darker color. If you saturate the color by 10%, you get **86CB20**, and if you desaturate by 10%, it is **96CB48**.

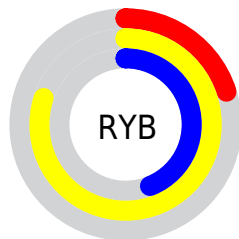
Distribution



Red (56%)

Green (80%)

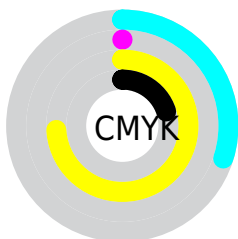
Blue (20%)



Red (20%)

Yellow (80%)

Blue (44%)

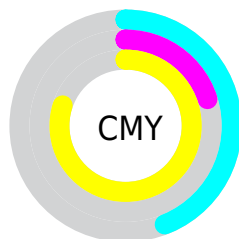


Cyan (30%)

Magenta (0%)

Yellow (74%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8ECB34 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 8ECB34 by changing the saturation by 10% instead.



8ECB34



8ECB34

FFFFFF



72AF0E



C8FF6D



569400



E5FF89



397A00



FFFFA5



196100



FFFFC1



004900



FFFFDE



003100



FFFFFC



001B00



000000



8ECB34



8ECB34

 86CB20

 96CB48

 7ECB0B

 9ECB5D

 79CB00

 A7CB71

 AFCB85

 B7CB9A

 BFCBAE

 C7CBC2

 D0CBD6

 D8CBEB

Harmonies

Analogous

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



D6B805



8ECB34



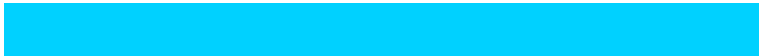
00D675

Triad

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



8ECB34



00D1FF



FF72B6

Complementary

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



8ECB34



7134CB

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.



FF84FB



8ECB34



00C0FF

Square

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



8ECB34



00D9FF



C2A4FF



FF8071

Rectangle

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



8ECB34



00D9A5



C2A4FF



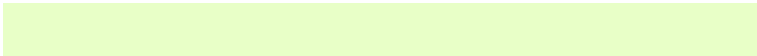
FF75CE

Sweetspot

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



8ECB34



E8FFC7



CB7034



72805E



000000



808080

Same Dimension

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



8ECB34



A3FF1C



43CB34



62665C



63A600



172600

Inverse Universe

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



7134CB



781CFF



BC34CB



605C66



4300A6



0F0026

Previews

White Background



This preview shows how the Hex color 8ECB34 looks on a white background.

Color Contrast Check

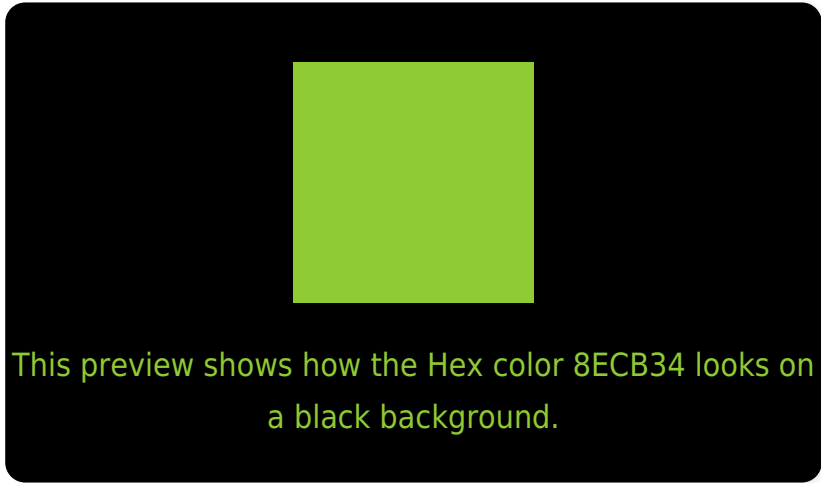
Large Text (above 18pt) WCAG AA × Fail

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 8ECB34 Background



This preview shows how black text looks on a background with the Hex color 8ECB34.

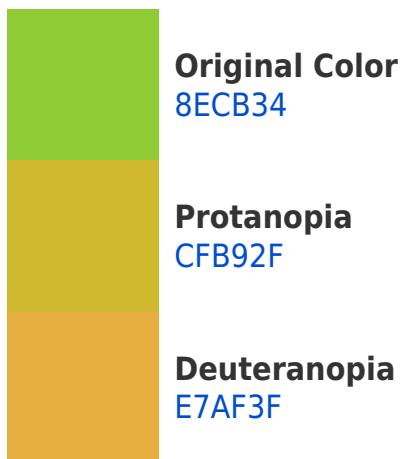


This preview shows how white text looks on a background with the Hex color 8ECB34.

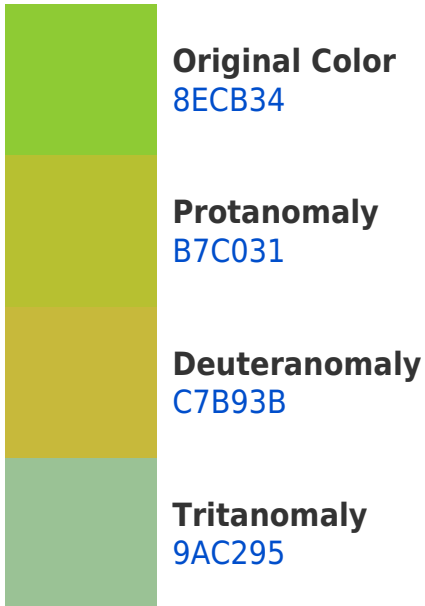
Color Blindness Simulation

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](#).

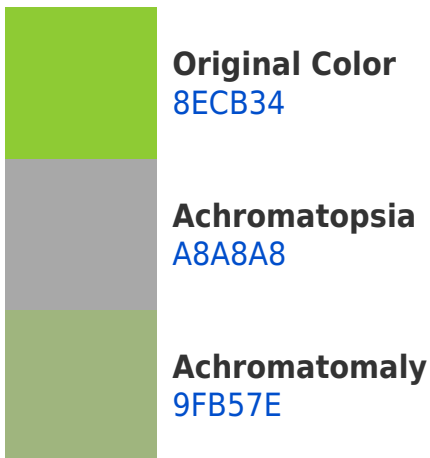
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8ECB34 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 #8ECB34 looks like.

```
.text, #text, p{  
    color:#8ECB34  
}
```

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 #8ECB34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECB34
}
```

Border

The CSS property to change the border of an element to Hex 8ECB34 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
#8ECB34 }
```

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

```
.border{ border-color:#8ECB34 }
```

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

Here you see how a box with a 4 pixel #8ECB34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECB34; -webkit-box-shadow:4px 4px  
4px 4px #8ECB34; box-shadow:4px 4px 4px  
4px #8ECB34 }
```

Background

The CSS property to change the background color of an element to Hex 8ECB34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECB34 }
```

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

```
.background{ background-color:#8ECB34 }
```

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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