

# Converting Colors

Hex(8ECE01)

Have a look what the booklet for  
Hex(8ECE01) contains.

<b>Hex(8ECE01)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8ECE01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ECE01
RGB	142, 206, 1
RGB Percent	56%, 81%, 0%
CMY	0.4431, 0.1922, 0.9961
CMYK	0.31, 0.00, 1.00, 0.19
HSL	79°, 99%, 41%
HSV	79°, 100%, 81%
XYZ	33.2321, 49.8956, 7.9080
YIQ	163.4940, 27.6610, -77.3230

# Conversions

## Conversions Part 2

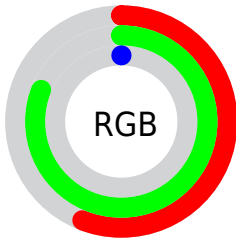
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 206, 65
Decimal	9358849
CIE Lab	76.01, -44.33, 75.18
CIE LCh	76, 87.281, 120.524
Yxy	49.8956, 0.3650, 0.5481
Android (android.graphics.Color)	4287548929 (0xFF8ECE01)
YUV	163.4940, -80.1095, -18.8502
Hunter-Lab	70.6368, -39.6365, 42.8081

# Details

The Hex color **8ECE01** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4101CE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C9FF54**, and **549700** is the 20% darker color. If you saturate the color by 10%, you get **8ECE00**, and if you desaturate by 10%, it is **94CE16**.

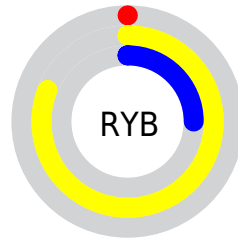
# Distribution



Red (56%)

Green (81%)

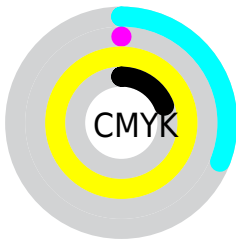
Blue (0%)



Red (0%)

Yellow (81%)

Blue (25%)

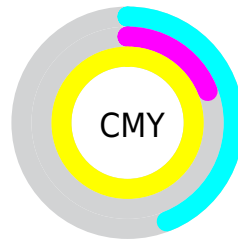


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (44%)

Magenta (19%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ECE01 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 8ECE01 by changing the saturation by 10% instead.





8ECE01



8ECE01

FFFFFF



71B200



C9FF54



549700



E7FF71



367D00



FFFF8E



0F6400



FFFFAB



004B00



FFFC8



003300



FFFFE5



001D00



000000



8ECE01



8ECE01

■ 8ECE00

■ 94CE16

■ 9BCE2A

■ A1CE3F

■ A8CE53

■ AECE68

■ B5CE7D

■ BBCE91

■ C1CEA6

■ C8CEBA

# Harmonies

## Analogous

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



DFB800



8ECE01



00DA67

# Triad

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



8ECE01



00D7FF



FF63BD

# Complementary

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



8ECE01



4101CE

# 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.



FF7DFF



8ECE01



00C5FF

# Square

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



8ECE01



00DFFF



B8A5FF



FF736F

# Rectangle

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



8ECE01



00DE9E



B8A5FF



FF67D9



# Sweetspot

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



8ECE01



E7FFB3



CE3F01



718052



000000



808080



# Same Dimension

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



8ECE01



AFFF00



2ACE01



63665C



72A600



1A2600



# Inverse Universe

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



4101CE



5000FF



A501CE



5F5C66



3400A6

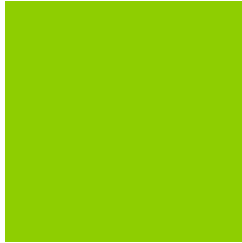


0C0026



# Previews

## White Background



This preview shows how the Hex color 8ECE01 looks on a white background.

## Color Contrast Check

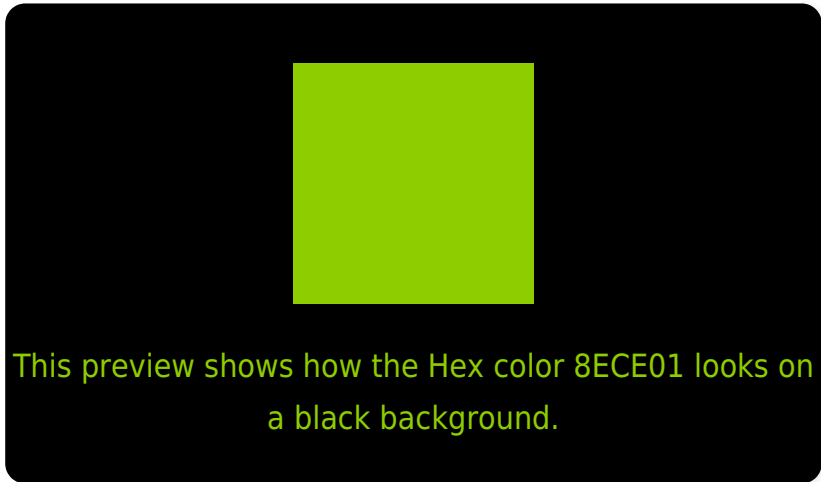
Large Text (above 18pt) WCAG AA × Fail

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 8ECE01 Background



This preview shows how black text looks on a background with the Hex color 8ECE01.

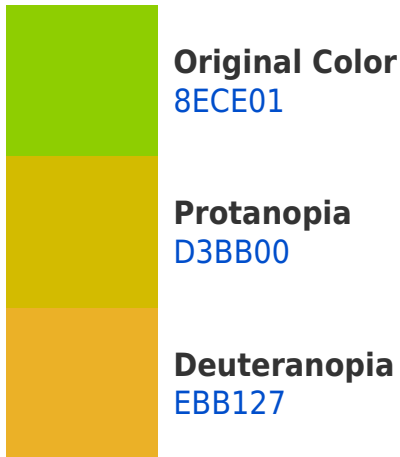


This preview shows how white text looks on a background with the Hex color 8ECE01.

# 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](#).

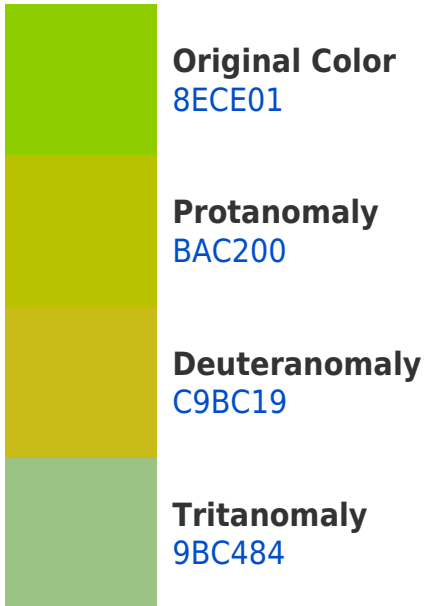
## Dichromacy





**Tritanopia**  
A2BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ECE01 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 #8ECE01 looks like.

```
.text, #text, p{  
    color:#8ECE01  
}
```

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 #8ECE01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECE01
}
```

## Border

The CSS property to change the border of an element to Hex 8ECE01 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
#8ECE01 }
```

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

```
.border{ border-color:#8ECE01 }
```

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

Here you see how a box with a 4 pixel #8ECE01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECE01; -webkit-box-shadow:4px 4px  
4px 4px #8ECE01; box-shadow:4px 4px 4px  
4px #8ECE01 }
```

# Background

The CSS property to change the background color of an element to Hex 8ECE01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECE01 }
```

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

```
.background{ background-color:#8ECE01 }
```

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