

Converting Colors

Hex(8ECF40)

Have a look what the booklet for
Hex(8ECF40) contains.

Hex(8ECF40)	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(8ECF40)

Conversions

Conversions Part 1

Format	Color
Hex	8ECF40
RGB	142, 207, 64
RGB Percent	56%, 81%, 25%
CMY	0.4431, 0.1882, 0.7490
CMYK	0.31, 0.00, 0.69, 0.19
HSL	87°, 60%, 53%
HSV	87°, 69%, 81%
XYZ	34.3936, 50.7466, 12.8328
YIQ	171.2630, 7.1630, -58.2530

Conversions

Conversions Part 2

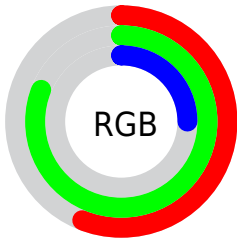
Format	Color
RYB	64, 207, 129
Decimal	9359168
CIELab	76.53, -42.52, 61.47
CIELCh	77, 74.739, 124.670
Yxy	50.7466, 0.3511, 0.5180
Android (android.graphics.Color)	4287549248 (0xFF8ECF40)
YUV	171.2630, -52.8807, -25.6637
Hunter-Lab	71.2366, -38.4830, 39.1849

Details

The Hex color **8ECF40** 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 **8140CF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C7FF77**, and **569800** is the 20% darker color. If you saturate the color by 10%, you get **85CF2B**, and if you desaturate by 10%, it is **97CF55**.

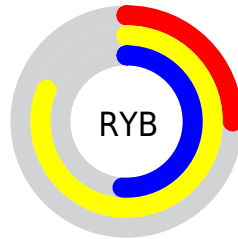
Distribution



Red (56%)

Green (81%)

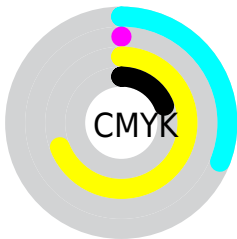
Blue (25%)



Red (25%)

Yellow (81%)

Blue (51%)

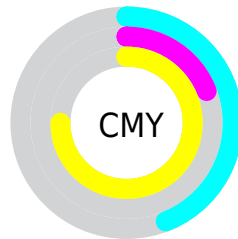


Cyan (31%)

Magenta (0%)

Yellow (69%)

Black (19%)



Cyan (44%)

Magenta (19%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8ECF40 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 8ECF40 by changing the saturation by 10% instead.



8ECF40



8ECF40

FFFFFF



72B321



C7FF77



569800



E5FF93



397E00



FFFFAF



196400



FFFFCC



004C00



FFFFE9



003400



001F00



000000



8ECF40



8ECF40

 85CF2B

 97CF55

 7BCF17

 A1CF69

 72CF02

 AACF7E

 71CF00

 B4CF93

 BDCFA8

 C6CFBC

 D0CFD1

 D9CFE6

 E3CFFA

Harmonies

Analogous

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



D6BD1A



8ECF40



00D97E

Triad

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



8ECF40



00D3FF



FF79B5

Complementary

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



8ECF40



8140CF

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.



FF88F9



8ECF40



00C1FF

Square

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



8ECF40



00DCFF



CCA6FF



FF8772

Rectangle

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



8ECF40



00DDAE



CCA6FF



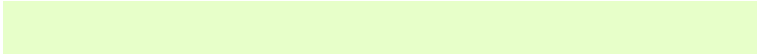
FF7BCC

Sweetspot

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



8ECF40



E7FFC9



CF8040



718060



000000



808080

Same Dimension

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



8ECF40



9FFF2B



47CF40



64695E



5CA800



162900

Inverse Universe

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



8140CF



8C2BFF



C840CF



635E69



4C00A8



130029

Previews

White Background



This preview shows how the Hex color 8ECF40 looks on a white background.

Color Contrast Check

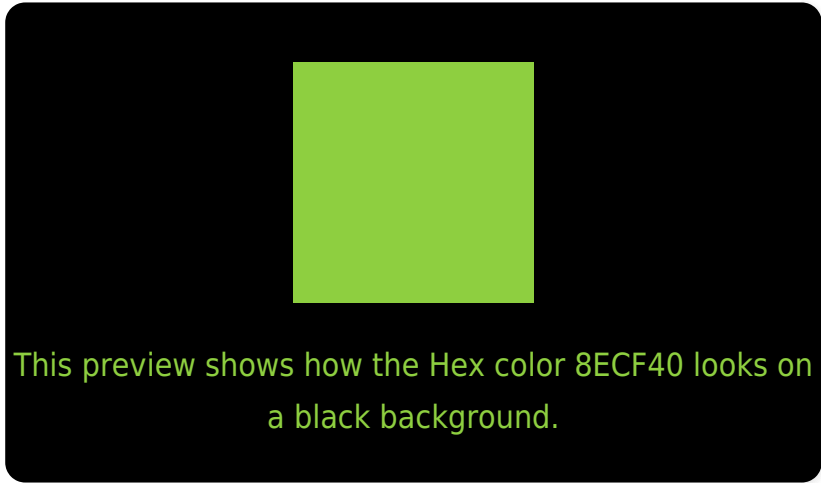
Large Text (above 18pt) WCAG AA × Fail

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 8ECF40 Background



This preview shows how black text looks on a background with the Hex color 8ECF40.

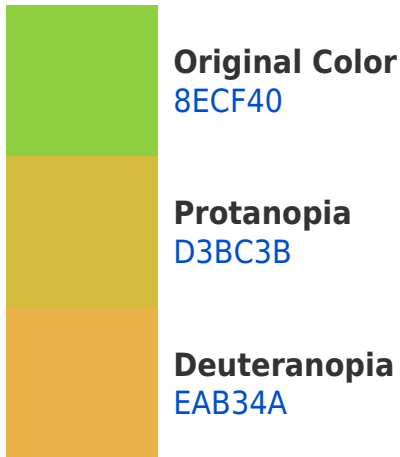


This preview shows how white text looks on a background with the Hex color 8ECF40.

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
A1C1D1

Trichromacy



Original Color
8ECF40



Protanomaly
BAC33D



Deuteranomaly
C9BD46



Tritanomaly
9AC69C

Monochromacy



Original Color
8ECF40



Achromatopsia
ABABAB



Achromatomaly
A0B884

CSS Examples

Text

The CSS property to change the color of the text to Hex 8ECF40 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 #8ECF40 looks like.

```
.text, #text, p{  
    color:#8ECF40  
}
```

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 #8ECF40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECF40
}
```

Border

The CSS property to change the border of an element to Hex 8ECF40 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
#8ECF40 }
```

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

```
.border{ border-color:#8ECF40 }
```

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

Here you see how a box with a 4 pixel #8ECF40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECF40; -webkit-box-shadow:4px 4px  
4px 4px #8ECF40; box-shadow:4px 4px 4px  
4px #8ECF40 }
```

Background

The CSS property to change the background color of an element to Hex 8ECF40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECF40 }
```

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

```
.background{ background-color:#8ECF40 }
```

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