

Converting Colors

Hex(83C937)

Have a look what the booklet for
Hex(83C937) contains.

Hex(83C937)	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(83C937)

Conversions

Conversions Part 1

Format	Color
Hex	83C937
RGB	131, 201, 55
RGB Percent	51%, 79%, 22%
CMY	0.4863, 0.2118, 0.7843
CMYK	0.35, 0.00, 0.73, 0.21
HSL	89°, 57%, 50%
HSV	89°, 73%, 79%
XYZ	30.9363, 46.8744, 11.0316
YIQ	163.4260, 5.1460, -60.2460

Conversions

Conversions Part 2

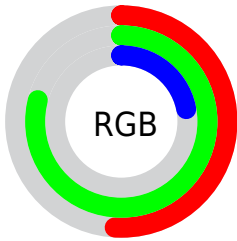
Format	Color
RYB	55, 201, 125
Decimal	8636727
CIELab	74.11, -44.46, 62.12
CIELCh	74, 76.397, 125.593
Yxy	46.8744, 0.3482, 0.5276
Android (android.graphics.Color)	4286826807 (0xFF83C937)
YUV	163.4260, -53.4540, -28.4376
Hunter-Lab	68.4649, -39.1572, 38.3722

Details

The Hex color **83C937** 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 **7D37C9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BCFF6F**, and **4A9200** is the 20% darker color. If you saturate the color by 10%, you get **79C923**, and if you desaturate by 10%, it is **8DC94B**.

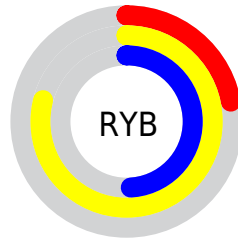
Distribution



Red (51%)

Green (79%)

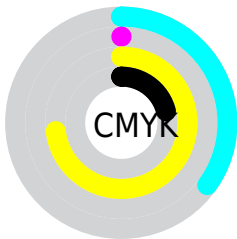
Blue (22%)



Red (22%)

Yellow (79%)

Blue (49%)

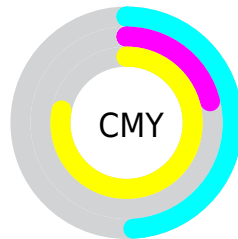


Cyan (35%)

Magenta (0%)

Yellow (73%)

Black (21%)



Cyan (49%)

Magenta (21%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C937 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 83C937 by changing the saturation by 10% instead.



83C937



83C937

FFFFFF



67AD15



BCFF6F



4A9200



DAFF8B



2C7800



F7FFA7



015F00



FFFFC3



004600



FFFEE0



002F00

FFFFFFD



001700



000000



83C937



83C937

 79C923

 8DC94B

 70C90F

 96C95F

 69C900

 A0C973

 AAC987

 B3C99C

 BDC9B0

 C6C9C4

 D0C9D8

 DAC9EC

Harmonies

Analogous

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



CDB700



83C937



00D379

Triad

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



83C937



00CDFE



FF6FAC

Complementary

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



83C937



7D37C9

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.



FF7EF2



83C937



00BAFF

Square

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



83C937



00D5FF



C89EFF



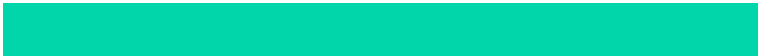
FF7F68

Rectangle

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



83C937



00D6A9



C89EFF



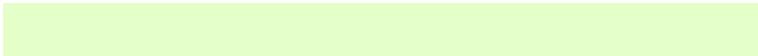
FF71C4

Sweetspot

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



83C937



E4FFC7



C97B37



70805E



000000



808080

Same Dimension

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



83C937



95FF21



3CC937



5F635A



55A300



132400

Inverse Universe

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



7D37C9



8C21FF



C437C9



5E5A63



4E00A3



110024

Previews

White Background



This preview shows how the Hex color 83C937 looks on a white background.

Color Contrast Check

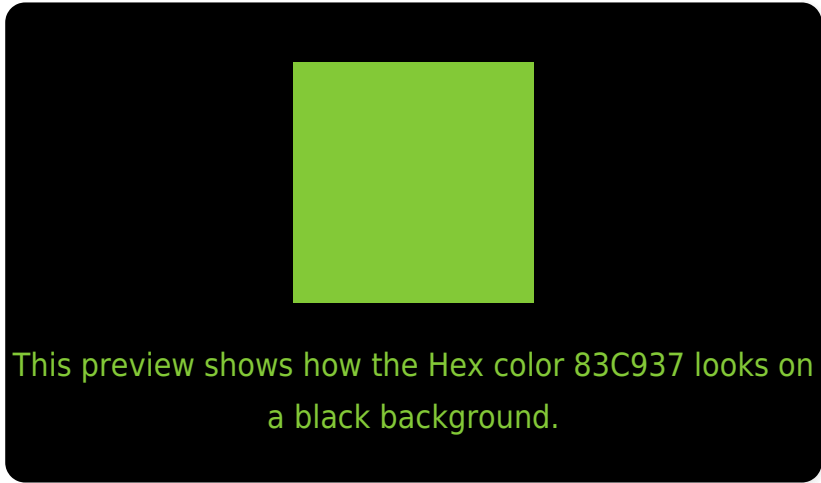
Large Text (above 18pt) WCAG AA × Fail

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 83C937 Background



This preview shows how black text looks on a background with the Hex color 83C937.

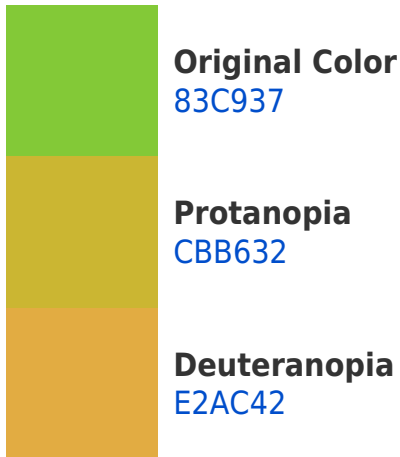


This preview shows how white text looks on a background with the Hex color 83C937.

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
97BCCB

Trichromacy



Original Color
83C937



Protanomaly
B1BD34



Deuteranomaly
BFB73E



Tritanomaly
90C195

Monochromacy



Original Color
83C937



Achromatopsia
A3A3A3



Achromatomaly
97B17C

CSS Examples

Text

The CSS property to change the color of the text to Hex 83C937 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 #83C937 looks like.

```
.text, #text, p{  
    color:#83C937  
}
```

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 #83C937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C937  
}
```

Border

The CSS property to change the border of an element to Hex 83C937 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  
#83C937 }
```

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

```
.border{ border-color:#83C937 }
```

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

Here you see how a box with a 4 pixel #83C937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C937; -webkit-box-shadow:4px 4px  
4px 4px #83C937; box-shadow:4px 4px 4px  
4px #83C937 }
```

Background

The CSS property to change the background color of an element to Hex 83C937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C937 }
```

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

```
.background{ background-color:#83C937 }
```

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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