

Converting Colors

Hex(81C838)

Have a look what the booklet for
Hex(81C838) contains.

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Color

Hex(81C838)

Conversions

Conversions Part 1

Format	Color
Hex	81C838
RGB	129, 200, 56
RGB Percent	51%, 78%, 22%
CMY	0.4941, 0.2157, 0.7804
CMYK	0.36, 0.00, 0.72, 0.22
HSL	90°, 57%, 50%
HSV	90°, 72%, 78%
XYZ	30.4213, 46.2612, 11.0673
YIQ	162.3550, 3.9080, -59.8360

Conversions

Conversions Part 2

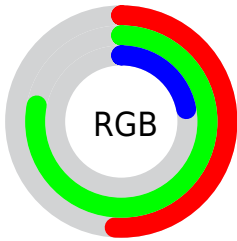
Format	Color
RYB	56, 200, 127
Decimal	8505400
CIELab	73.71, -44.68, 61.34
CIELCh	74, 75.891, 126.070
Yxy	46.2612, 0.3467, 0.5272
Android (android.graphics.Color)	4286695480 (0xFF81C838)
YUV	162.3550, -52.4330, -29.2523
Hunter-Lab	68.0156, -39.1895, 37.9634

Details

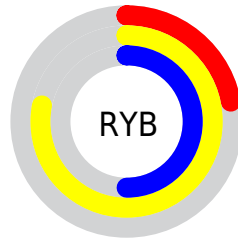
The Hex color **81C838** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7F38C8**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BAFF70**, and **489100** is the 20% darker color. If you saturate the color by 10%, you get **77C824**, and if you desaturate by 10%, it is **8BC84C**.

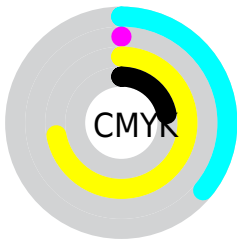
Distribution



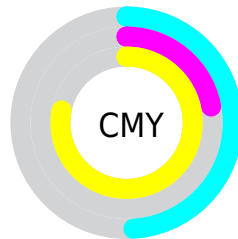
- Red (51%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C838 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 81C838 by changing the saturation by 10% instead.



81C838



81C838

FFFFFF



65AC17



BAFF70



489100



D8FF8B



297700



F5FFA7



005E00



FFFFC4



004500



FFFFE1



002F00

FFFFFFE



001500



000000



81C838



81C838

 77C824

 8BC84C

 6DC810

 95C860

 65C800

 9FC874

 A8C888

 B2C89C

 BCC8B0

 C6C8C4

 D0C8D8

 DAC8EC

Harmonies

Analogous

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



CAB600



81C838



00D279

Triad

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



81C838



00CBFF



FF6FAA

Complementary

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



81C838



7F38C8

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.



FF7DEF



81C838



00B9FF

Square

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



81C838



00D4FF



C99CFF



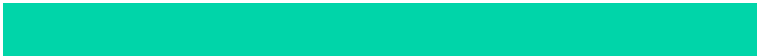
FF7F67

Rectangle

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



81C838



00D5A9



C99CFF



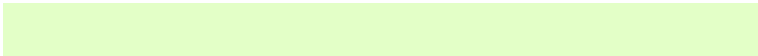
FF70C1

Sweetspot

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



81C838



E3FFC7



C87E38



6F805E



000000



808080

Same Dimension

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



81C838



93FF24



3AC838



5F635A



53A300



122400

Inverse Universe

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



7F38C8



9024FF



C638C8



5E5A63



5000A3



120024

Previews

White Background



This preview shows how the Hex color 81C838 looks on a white background.

Color Contrast Check

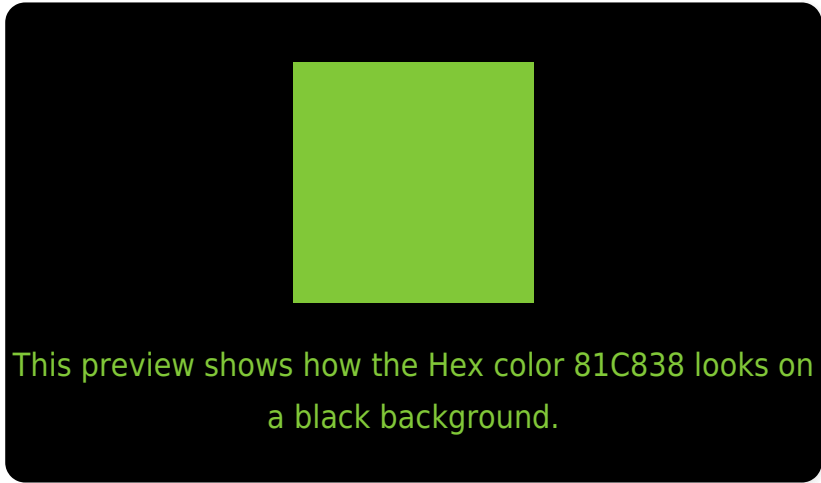
Large Text (above 18pt) WCAG AA × Fail

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 81C838 Background



This preview shows how black text looks on a background with the Hex color 81C838.

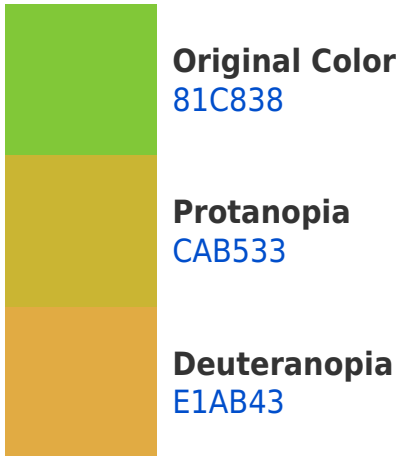


This preview shows how white text looks on a background with the Hex color 81C838.

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
95BBCA

Trichromacy



Original Color
81C838



Protanomaly
AFBC35



Deuteranomaly
BEB63F



Tritanomaly
8EC095

Monochromacy



Original Color
81C838



Achromatopsia
A2A2A2



Achromatomaly
96B07B

CSS Examples

Text

The CSS property to change the color of the text to Hex 81C838 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 #81C838 looks like.

```
.text, #text, p{  
    color:#81C838  
}
```

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 #81C838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C838
}
```

Border

The CSS property to change the border of an element to Hex 81C838 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
#81C838 }
```

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

```
.border{ border-color:#81C838 }
```

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

Here you see how a box with a 4 pixel #81C838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C838; -webkit-box-shadow:4px 4px  
4px 4px #81C838; box-shadow:4px 4px 4px  
4px #81C838 }
```

Background

The CSS property to change the background color of an element to Hex 81C838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C838 }
```

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

```
.background{ background-color:#81C838 }
```

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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