

Converting Colors

Hex(83B13C)

Have a look what the booklet for
Hex(83B13C) contains.

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Color

Hex(83B13C)

Conversions

Conversions Part 1

Format	Color
Hex	83B13C
RGB	131, 177, 60
RGB Percent	51%, 69%, 24%
CMY	0.4863, 0.3059, 0.7647
CMYK	0.26, 0.00, 0.66, 0.31
HSL	84°, 49%, 46%
HSV	84°, 66%, 69%
XYZ	25.8978, 36.5958, 9.9737
YIQ	149.9080, 10.1410, -46.1390

Conversions

Conversions Part 2

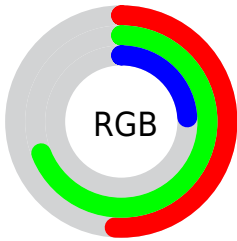
Format	Color
RYB	60, 177, 106
Decimal	8630588
CIELab	66.97, -33.49, 52.90
CIELCh	67, 62.611, 122.338
Yxy	36.5958, 0.3574, 0.5050
Android (android.graphics.Color)	4286820668 (0xFF83B13C)
YUV	149.9080, -44.3246, -16.5823
Hunter-Lab	60.4945, -29.4491, 32.5710

Details

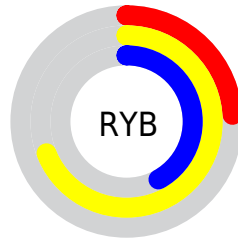
The Hex color **83B13C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3CB1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BBE971**, and **4D7C00** is the 20% darker color. If you saturate the color by 10%, you get **7CB12A**, and if you desaturate by 10%, it is **8AB14E**.

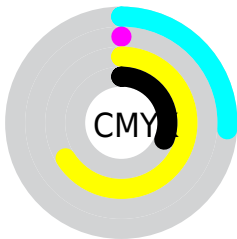
Distribution



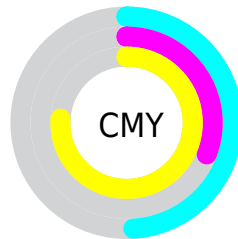
- Red (51%)
- Green (69%)
- Blue (24%)



- Red (24%)
- Yellow (69%)
- Blue (42%)



- Cyan (26%)
- Magenta (0%)
- Yellow (66%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B13C 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 83B13C by changing the saturation by 10% instead.



83B13C



83B13C

FFFFFF



689620



BBE971



4D7C00



D8FF8C



326300



F5FFA7



164B00



FFFFC3



003300



FFFFE0



002000

FFFFFFD



000000



83B13C



83B13C



7CB12A



8AB14E

 75B119

 91B15F

 6EB107

 98B171

 6BB100

 9FB183

 A6B194

 ADB1A6

 B4B1B8

 BBB1CA

 C2B1DB

Harmonies

Analogous

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



BCA226



83B13C



23BA6C

Triad

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



83B13C



00B6FF



FF6EA1

Complementary

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



83B13C



6A3CB1

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.



EB7AD8



83B13C



00A8FF

Square

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



83B13C



00BDDE



AA92FF



FF776A

Rectangle

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



83B13C



00BD92



AA92FF



FF70B4

Sweetspot

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



83B13C



D3E6B8



B1693C



687357



F2F2F2



737373

Same Dimension

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



83B13C



9EE630



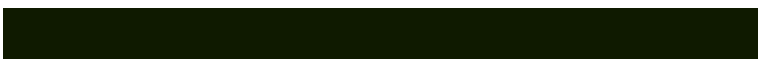
4AB13C



565950



5D9900



0F1A00

Inverse Universe

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



6A3CB1



7730E6



A33CB1



545059



3C0099



0A001A

Previews

White Background



This preview shows how the Hex color 83B13C looks on a white background.

Color Contrast Check

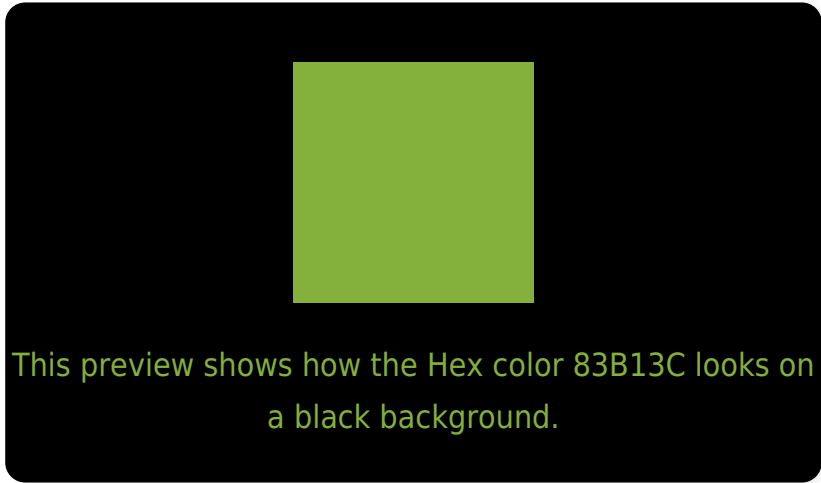
Large Text (above 18pt) WCAG AA × Fail

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 83B13C Background



This preview shows how black text looks on a background with the Hex color 83B13C.



This preview shows how white text looks on a background with the Hex color 83B13C.

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



Original Color
83B13C

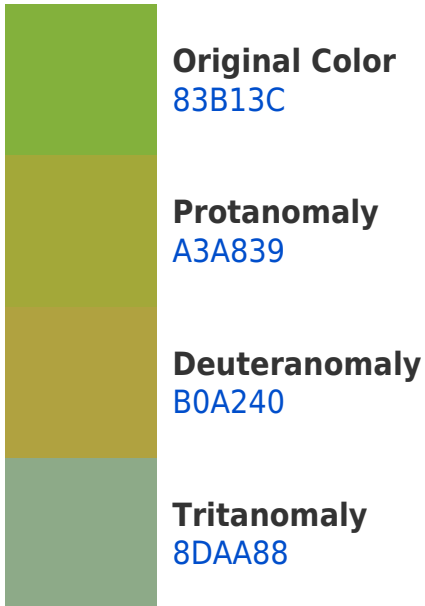
Protanopia
B6A338

Deuteranopia
CA9A43



Tritanopia
92A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B13C 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 #83B13C looks like.

```
.text, #text, p{  
    color:#83B13C  
}
```

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 #83B13C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B13C
}
```

Border

The CSS property to change the border of an element to Hex 83B13C 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
#83B13C }
```

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

```
.border{ border-color:#83B13C }
```

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

Here you see how a box with a 4 pixel #83B13C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B13C; -webkit-box-shadow:4px 4px  
4px 4px #83B13C; box-shadow:4px 4px 4px  
4px #83B13C }
```

Background

The CSS property to change the background color of an element to Hex 83B13C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B13C }
```

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

```
.background{ background-color:#83B13C }
```

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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