

# Converting Colors

Hex(83B93C)

Have a look what the booklet for  
Hex(83B93C) contains.

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**Color**

**Hex(83B93C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83B93C
RGB	131, 185, 60
RGB Percent	51%, 73%, 24%
CMY	0.4863, 0.2745, 0.7647
CMYK	0.29, 0.00, 0.68, 0.27
HSL	86°, 51%, 48%
HSV	86°, 68%, 73%
XYZ	27.5246, 39.8495, 10.5160
YIQ	154.6040, 7.9410, -50.3230

# Conversions

## Conversions Part 2

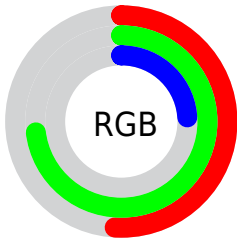
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 185, 114
Decimal	8632636
CIELab	69.36, -37.14, 55.41
CIELCh	69, 66.710, 123.832
Yxy	39.8495, 0.3534, 0.5116
Android (android.graphics.Color)	4286822716 (0xFF83B93C)
YUV	154.6040, -46.6398, -20.7007
Hunter-Lab	63.1264, -32.6410, 34.3116

# Details

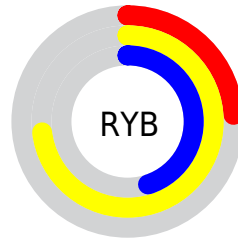
The Hex color **83B93C** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **723CB9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BBF172**, and **4C8300** is the 20% darker color. If you saturate the color by 10%, you get **7BB92A**, and if you desaturate by 10%, it is **8BB94E**.

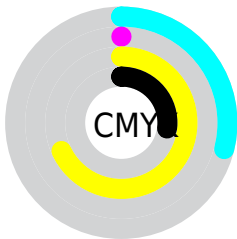
# Distribution



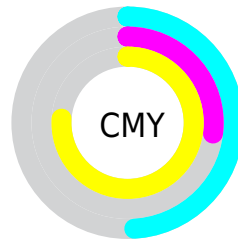
- Red (51%)
- Green (73%)
- Blue (24%)



- Red (24%)
- Yellow (73%)
- Blue (45%)



- Cyan (29%)
- Magenta (0%)
- Yellow (68%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83B93C 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 83B93C by changing the saturation by 10% instead.





83B93C



83B93C

FFFFFF



689E1F



BBF172



4C8300



D8FF8D



306A00



F6FFA8



125100



FFFFC5



003A00



FFFFE1



002500



000000



83B93C



83B93C



7BB92A



8BB94E

 73B917

 93B961

 6BB904

 9BB974

 69B900

 A3B986

 ABB999

 B3B9AB

 BBB9BD

 C3B9D0

 CBB9E3

# Harmonies

## Analogous

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



C1A920



83B93C



00C271

# Triad

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



83B93C



00BDFE



FF6FA4

# Complementary

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



83B93C



723CB9

# 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.



F97CE0



83B93C



00AEFF

# Square

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



83B93C



00C5EB



B596FF



FF7A69

# Rectangle

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



83B93C



00C59A



B596FF



FF71B9



# Sweetspot

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



83B93C



DBF0C0



B9703C



6B785B



F7F7F7



787878



# Same Dimension

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



83B93C



9CF02E



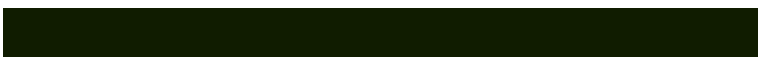
46B93C



585C53



589C00



101C00



# Inverse Universe

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



723CB9



812EF0



AF3CB9



57535C



43009C



0C001C



# Previews

## White Background



This preview shows how the Hex color 83B93C looks on a white background.

## Color Contrast Check

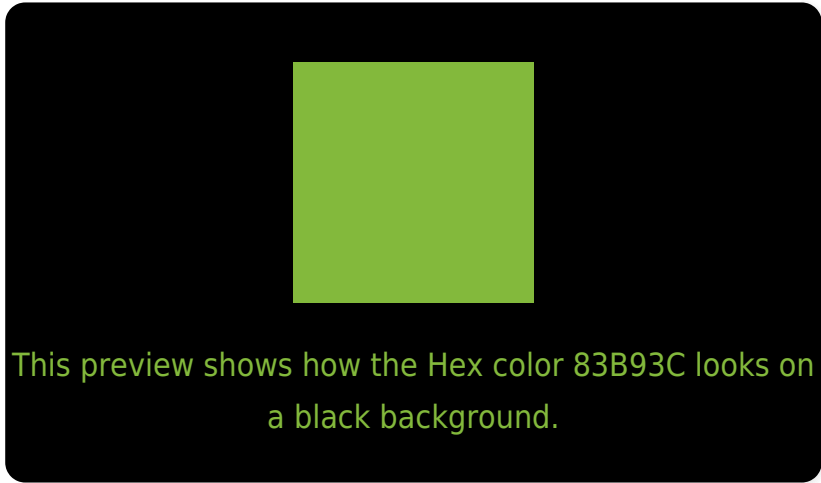
Large Text (above 18pt) WCAG AA × Fail

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 83B93C Background



This preview shows how black text looks on a background with the Hex color 83B93C.

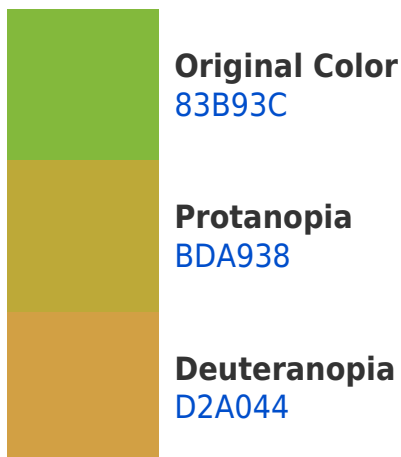


This preview shows how white text looks on a background with the Hex color 83B93C.

# 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](#).

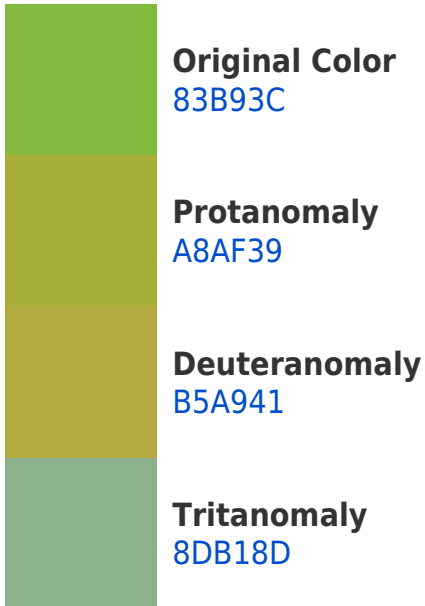
## Dichromacy





**Tritanopia**  
93ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83B93C 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 #83B93C looks like.

```
.text, #text, p{  
    color:#83B93C  
}
```

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 #83B93C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B93C
}
```

## Border

The CSS property to change the border of an element to Hex 83B93C 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
#83B93C }
```

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

```
.border{ border-color:#83B93C }
```

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

Here you see how a box with a 4 pixel #83B93C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B93C; -webkit-box-shadow:4px 4px  
4px 4px #83B93C; box-shadow:4px 4px 4px  
4px #83B93C }
```

# Background

The CSS property to change the background color of an element to Hex 83B93C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B93C }
```

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

```
.background{ background-color:#83B93C }
```

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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