

Converting Colors

Hex(81B93C)

Have a look what the booklet for
Hex(81B93C) contains.

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Color

Hex(81B93C)

Conversions

Conversions Part 1

Format	Color
Hex	81B93C
RGB	129, 185, 60
RGB Percent	51%, 73%, 24%
CMY	0.4941, 0.2745, 0.7647
CMYK	0.30, 0.00, 0.68, 0.27
HSL	87°, 51%, 48%
HSV	87°, 68%, 73%
XYZ	27.2178, 39.6913, 10.5016
YIQ	154.0060, 6.7490, -50.7470

Conversions

Conversions Part 2

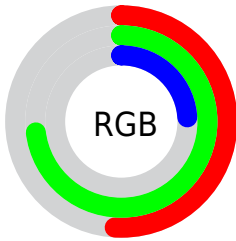
Format	Color
RYB	60, 185, 116
Decimal	8501564
CIELab	69.25, -37.89, 55.26
CIELCh	69, 67.002, 124.435
Yxy	39.6913, 0.3516, 0.5127
Android (android.graphics.Color)	4286691644 (0xFF81B93C)
YUV	154.0060, -46.3450, -21.9303
Hunter-Lab	63.0010, -33.1359, 34.2177

Details

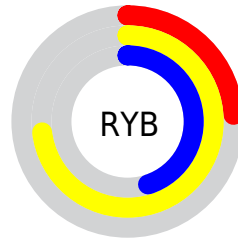
The Hex color **81B93C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **743CB9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B9F172**, and **4A8300** is the 20% darker color. If you saturate the color by 10%, you get **79B92A**, and if you desaturate by 10%, it is **89B94E**.

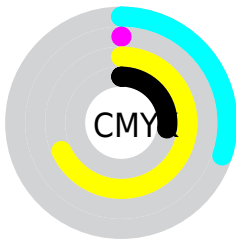
Distribution



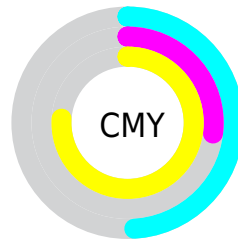
- Red (51%)
- Green (73%)
- Blue (24%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (68%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 81B93C 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 81B93C by changing the saturation by 10% instead.

 81B93C

 81B93C

FFFFFF

 669E1F

 B9F172

 4A8300

 D6FF8D

 2E6A00

 F3FFA8

 0E5100

 FFFFC5

 003A00

 FFFFE1

 002500

 000000

 81B93C

 81B93C

 79B92A

 89B94E

 70B917

 92B961

 68B904

 9AB974

 66B900

 A2B986

 AAB999

 B3B9AB

 BBB9BD

 C3B9D0

 CCB9E3

Harmonies

Analogous

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



C0A91E



81B93C



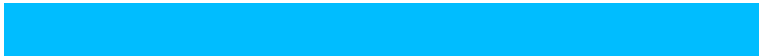
00C272

Triad

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



81B93C



00BDFE



FF6EA3

Complementary

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



81B93C



743CB9

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.



F97BDF



81B93C



06ADFF

Square

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



81B93C



00C5EC



B695FF



FF7A68

Rectangle

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



81B93C



00C59B



B695FF



FF70B7

Sweetspot

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



81B93C



DAF0C0



B9723C



6B785B



F7F7F7



787878

Same Dimension

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



81B93C



99F02E



44B93C



585C53



569C00



0F1C00

Inverse Universe

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



743CB9



852EF0



B13CB9



57535C



46009C



0D001C

Previews

White Background



This preview shows how the Hex color 81B93C looks on a white background.

Color Contrast Check

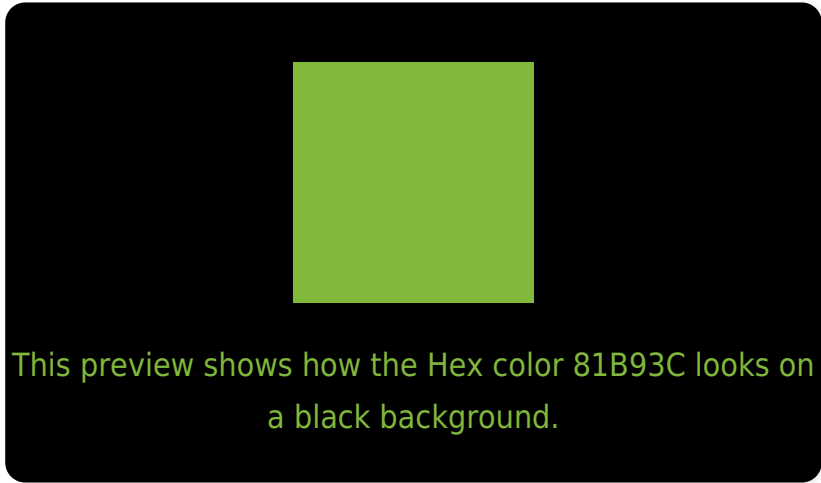
Large Text (above 18pt) WCAG AA × Fail

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 81B93C Background



This preview shows how black text looks on a background with the Hex color 81B93C.

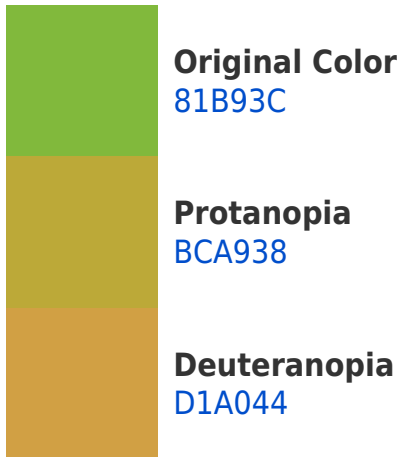


This preview shows how white text looks on a background with the Hex color 81B93C.

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](#).

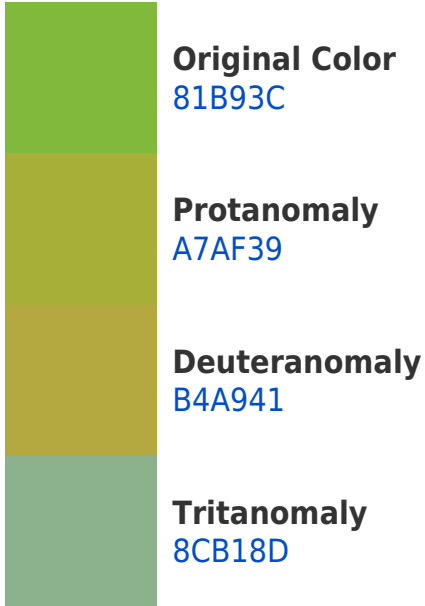
Dichromacy



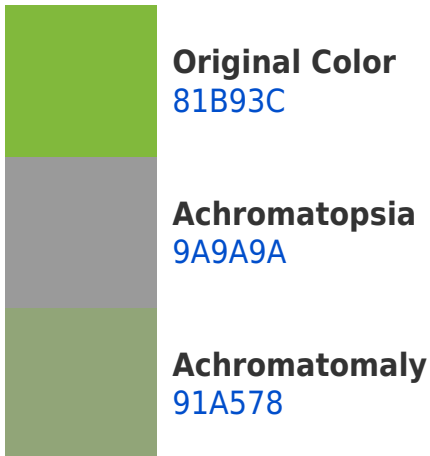


Tritanopia
92ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B93C 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 #81B93C looks like.

```
.text, #text, p{  
    color:#81B93C  
}
```

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 #81B93C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B93C
}
```

Border

The CSS property to change the border of an element to Hex 81B93C 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
#81B93C }
```

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

```
.border{ border-color:#81B93C }
```

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

Here you see how a box with a 4 pixel #81B93C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B93C; -webkit-box-shadow:4px 4px  
4px 4px #81B93C; box-shadow:4px 4px 4px  
4px #81B93C }
```

Background

The CSS property to change the background color of an element to Hex 81B93C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B93C }
```

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

```
.background{ background-color:#81B93C }
```

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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