

Converting Colors

Hex(83A15A)

Have a look what the booklet for
Hex(83A15A) contains.

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Color

Hex(83A15A)

Conversions

Conversions Part 1

Format	Color
Hex	83A15A
RGB	131, 161, 90
RGB Percent	51%, 63%, 35%
CMY	0.4863, 0.3686, 0.6471
CMYK	0.19, 0.00, 0.44, 0.37
HSL	85°, 28%, 49%
HSV	85°, 44%, 63%
XYZ	23.9504, 31.0532, 14.4044
YIQ	143.9360, 4.9110, -28.4410

Conversions

Conversions Part 2

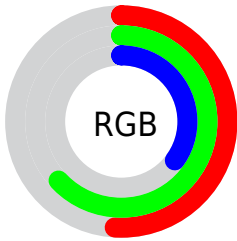
Format	Color
RYB	90, 161, 120
Decimal	8626522
CIELab	62.55, -22.78, 33.53
CIElCh	63, 40.532, 124.190
Yxy	31.0532, 0.3451, 0.4474
Android (android.graphics.Color)	4286816602 (0xFF83A15A)
YUV	143.9360, -26.5904, -11.3449
Hunter-Lab	55.7254, -20.8014, 23.6820

Details

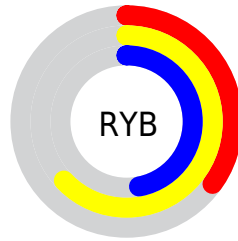
The Hex color **83A15A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **785AA1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B9D88D**, and **506D2A** is the 20% darker color. If you saturate the color by 10%, you get **7CA14A**, and if you desaturate by 10%, it is **8AA16A**.

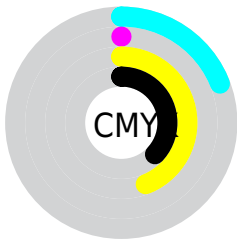
Distribution



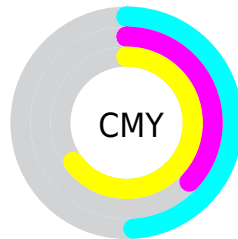
- Red (51%)
- Green (63%)
- Blue (35%)



- Red (35%)
- Yellow (63%)
- Blue (47%)



- Cyan (19%)
- Magenta (0%)
- Yellow (44%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A15A 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 83A15A by changing the saturation by 10% instead.



83A15A



83A15A

FFFFFF



698742



B9D88D



506D2A



D5F4A8



375512



F2FFC4



203D00



FFFFE0



062700

FFFFFFD



001000



000000



83A15A



83A15A



7CA14A



8AA16A

 75A13A

 91A17A

 6FA12A

 97A18A

 68A11A

 9EA19A

 61A10A

 A5A1AB

 5DA100

 ACA1BB

 B3A1CB

 B9A1DB

 C0A1EB

Harmonies

Analogous

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



A9974E



83A15A



55A777

Triad

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



83A15A



00A3D7



DB7A94

Complementary

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



83A15A



785AA1

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.



C87FB7



83A15A



6799DF

Square

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



83A15A



00A9BF



A18CD3



D97F71

Rectangle

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



83A15A



2AAA8F



A18CD3



D77BA0

Sweetspot

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



83A15A



C6D1B6



A1785A



616958



E8E8E8



696969

Same Dimension

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



83A15A



A2D162



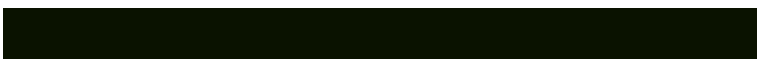
60A15A



4E5249



549100



0A1200

Inverse Universe

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



785AA1



9162D1



9B5AA1



4D4952



3D0091



080012

Previews

White Background



This preview shows how the Hex color 83A15A looks on a white background.

Color Contrast Check

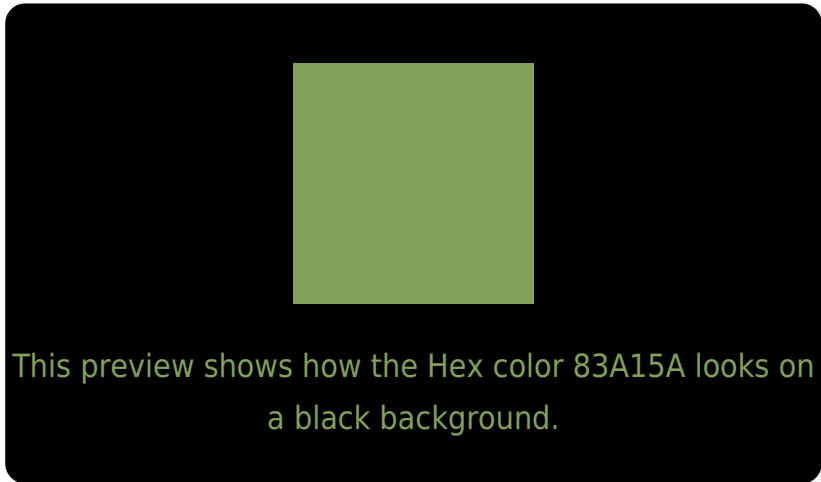
Large Text (above 18pt) WCAG AA × Fail

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 83A15A Background



This preview shows how black text looks on a background with the Hex color 83A15A.



This preview shows how white text looks on a background with the Hex color 83A15A.

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](#).

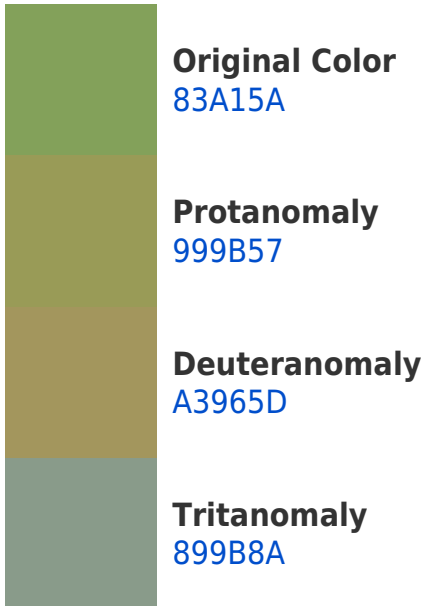
Dichromacy



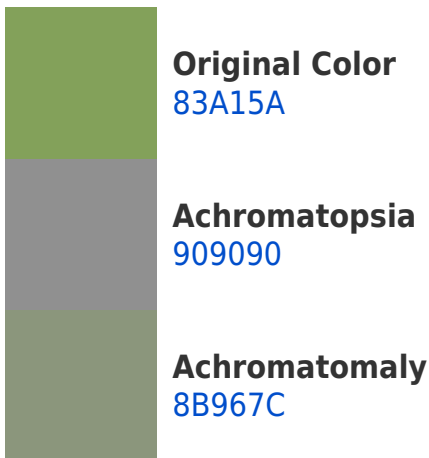


Tritanopia
8D98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A15A 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 #83A15A looks like.

```
.text, #text, p{  
    color:#83A15A  
}
```

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 #83A15A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A15A
}
```

Border

The CSS property to change the border of an element to Hex 83A15A 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
#83A15A }
```

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

```
.border{ border-color:#83A15A }
```

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

Here you see how a box with a 4 pixel #83A15A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A15A; -webkit-box-shadow:4px 4px  
4px 4px #83A15A; box-shadow:4px 4px 4px  
4px #83A15A }
```

Background

The CSS property to change the background color of an element to Hex 83A15A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A15A }
```

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

```
.background{ background-color:#83A15A }
```

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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