

Converting Colors

Hex(83A14C)

Have a look what the booklet for
Hex(83A14C) contains.

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Color

Hex(83A14C)

Conversions

Conversions Part 1

Format	Color
Hex	83A14C
RGB	131, 161, 76
RGB Percent	51%, 63%, 30%
CMY	0.4863, 0.3686, 0.7020
CMYK	0.19, 0.00, 0.53, 0.37
HSL	81°, 36%, 46%
HSV	81°, 53%, 63%
XYZ	23.4094, 30.8368, 11.5558
YIQ	142.3400, 9.4050, -32.7950

Conversions

Conversions Part 2

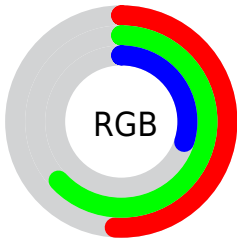
Format	Color
RYB	76, 161, 106
Decimal	8626508
CIELab	62.37, -24.38, 40.43
CIELCh	62, 47.213, 121.096
Yxy	30.8368, 0.3558, 0.4686
Android (android.graphics.Color)	4286816588 (0xFF83A14C)
YUV	142.3400, -32.7056, -9.9452
Hunter-Lab	55.5309, -21.9312, 26.5336

Details

The Hex color **83A14C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A4CA1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BAD87F**, and **4F6D1A** is the 20% darker color. If you saturate the color by 10%, you get **7DA13C**, and if you desaturate by 10%, it is **89A15C**.

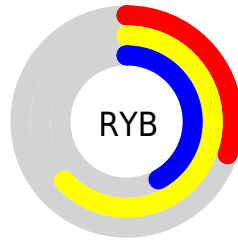
Distribution



Red (51%)

Green (63%)

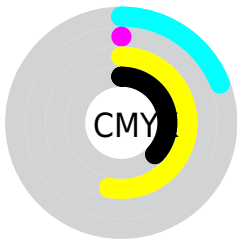
Blue (30%)



Red (30%)

Yellow (63%)

Blue (42%)

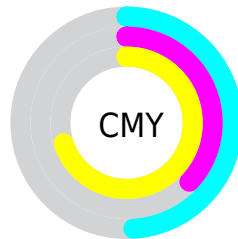


Cyan (19%)

Magenta (0%)

Yellow (53%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A14C 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 83A14C by changing the saturation by 10% instead.

 83A14C

 83A14C

FFFFFF

 698733

 BAD87F

 4F6D1A

 D6F49A

 365500


 F3FFB5

 1F3D00

 FFFFD1

 012700

 FFFFEE

 000F00

 000000

 83A14C

 83A14C

 7DA13C

 89A15C

 78A12C

 8EA16C

 72A11C

 94A17C

 6CA10C

 9AA18C

 68A100

 9FA19C

 A5A1AD

 ABA1BD

 B0A1CD

 B6A1DD

Harmonies

Analogous

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



AE9540



83A14C



4CA96D

Triad

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



83A14C



00A6DF



E37397

Complementary

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



83A14C



6A4CA1

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.



CC7BC0



83A14C



4C9BEA

Square

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



83A14C



00ABC1



9B8BDF



E3786E

Rectangle

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



83A14C



00AB88



9B8BDF



DE74A5

Sweetspot

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



83A14C



C5D1B0



A16A4C



626955



E8E8E8



696969

Same Dimension

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



83A14C



A3D14D



59A14C



4F5249



5E9100



0C1200

Inverse Universe

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



6A4CA1



7C4DD1



944CA1



4C4952



330091



060012

Previews

White Background



This preview shows how the Hex color 83A14C looks on a white background.

Color Contrast Check

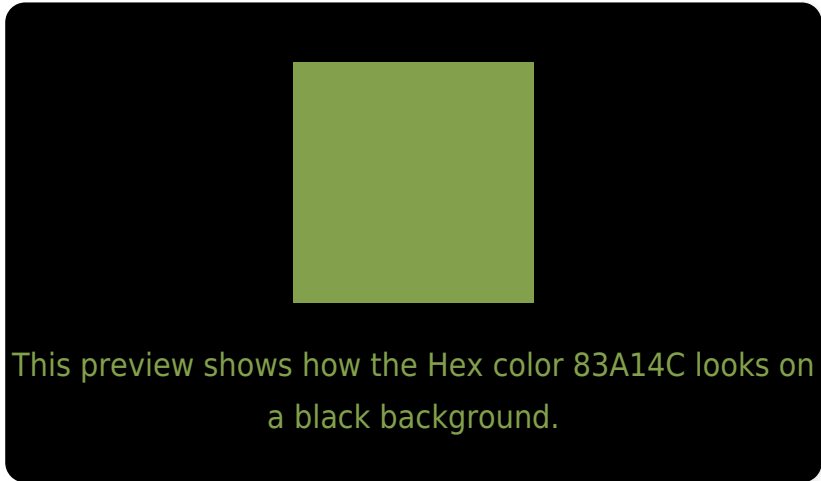
Large Text (above 18pt) WCAG AA × Fail

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 83A14C Background



This preview shows how black text looks on a background with the Hex color 83A14C.



This preview shows how white text looks on a background with the Hex color 83A14C.

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
83A14C

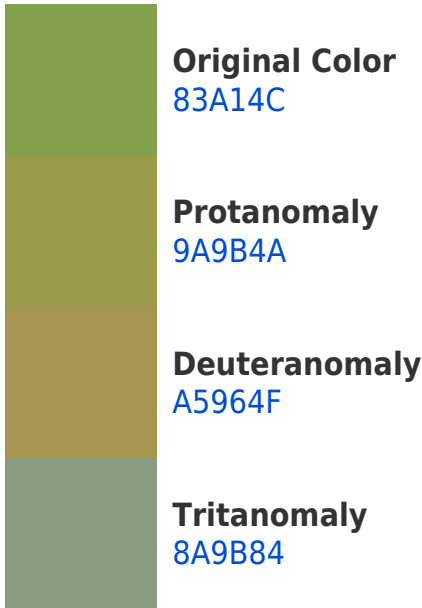
Protanopia
A79749

Deuteranopia
B88F51

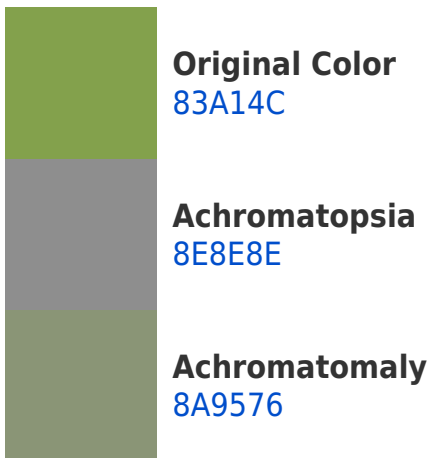


Tritanopia
8E98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A14C 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 #83A14C looks like.

```
.text, #text, p{  
    color:#83A14C  
}
```

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 #83A14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A14C
}
```

Border

The CSS property to change the border of an element to Hex 83A14C 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
#83A14C }
```

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

```
.border{ border-color:#83A14C }
```

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

Here you see how a box with a 4 pixel #83A14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A14C; -webkit-box-shadow:4px 4px  
4px 4px #83A14C; box-shadow:4px 4px 4px  
4px #83A14C }
```

Background

The CSS property to change the background color of an element to Hex 83A14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A14C }
```

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

```
.background{ background-color:#83A14C }
```

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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