

Converting Colors

Hex(83AE54)

Have a look what the booklet for
Hex(83AE54) contains.

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Color

Hex(83AE54)

Conversions

Conversions Part 1

Format	Color
Hex	83AE54
RGB	131, 174, 84
RGB Percent	51%, 68%, 33%
CMY	0.4863, 0.3176, 0.6706
CMYK	0.25, 0.00, 0.52, 0.32
HSL	89°, 36%, 51%
HSV	89°, 52%, 68%
XYZ	26.0964, 35.7375, 13.9101
YIQ	150.8830, 3.2620, -37.1060

Conversions

Conversions Part 2

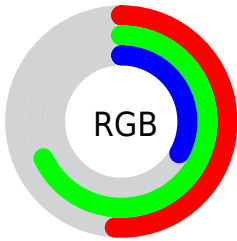
Format	Color
RYB	84, 174, 127
Decimal	8629844
CIELab	66.32, -29.85, 41.20
CIELCh	66, 50.876, 125.921
Yxy	35.7375, 0.3445, 0.4718
Android (android.graphics.Color)	4286819924 (0xFF83AE54)
YUV	150.8830, -32.9733, -17.4374
Hunter-Lab	59.7808, -26.6952, 28.0507

Details

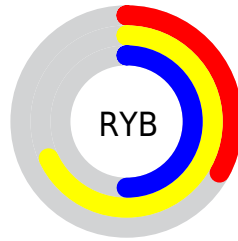
The Hex color **83AE54** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F54AE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BAE688**, and **4F7922** is the 20% darker color. If you saturate the color by 10%, you get **7BAE43**, and if you desaturate by 10%, it is **8BAE65**.

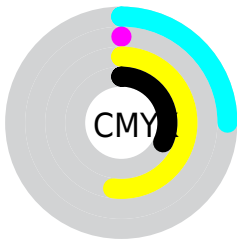
Distribution



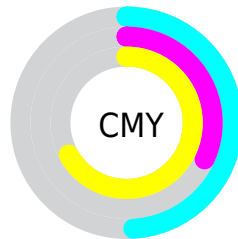
- Red (51%)
- Green (68%)
- Blue (33%)



- Red (33%)
- Yellow (68%)
- Blue (50%)



- Cyan (25%)
- Magenta (0%)
- Yellow (52%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AE54 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 83AE54 by changing the saturation by 10% instead.



83AE54



83AE54

FFFFFF



69933B



BAE688



4F7922



D6FFA3



356005



F3FFBE



1C4800



FFFFDA



003100



FFFFF7



001E00



000000



83AE54



83AE54



7BAE43



8BAE65

 72AE31

 94AE77

 6AAE20

 9CAE88

 62AE0E

 A4AE9A

 5BAE00

 ADAEAB

 B5AEBC

 BDAECE

 C6AEDF

 CEAEF1

Harmonies

Analogous

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



B3A242



83AE54



41B57A

Triad

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



83AE54



00B0F4



F67A9A

Complementary

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



83AE54



7F54AE

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.



E181C7



83AE54



60A3FC

Square

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



83AE54



00B7D6



B092EB



F2816E

Rectangle

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



83AE54



00B899



B092EB



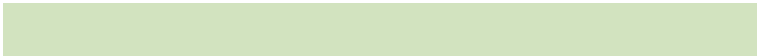
F27AA9

Sweetspot

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



83AE54



D2E3BF



AE7E54



68735D



F2F2F2



737373

Same Dimension

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



83AE54



A0E356



57AE54



53574E



4F9600



0C1700

Inverse Universe

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



7F54AE



9956E3



AB54AE



524E57



480096



0B0017

Previews

White Background



This preview shows how the Hex color 83AE54 looks on a white background.

Color Contrast Check

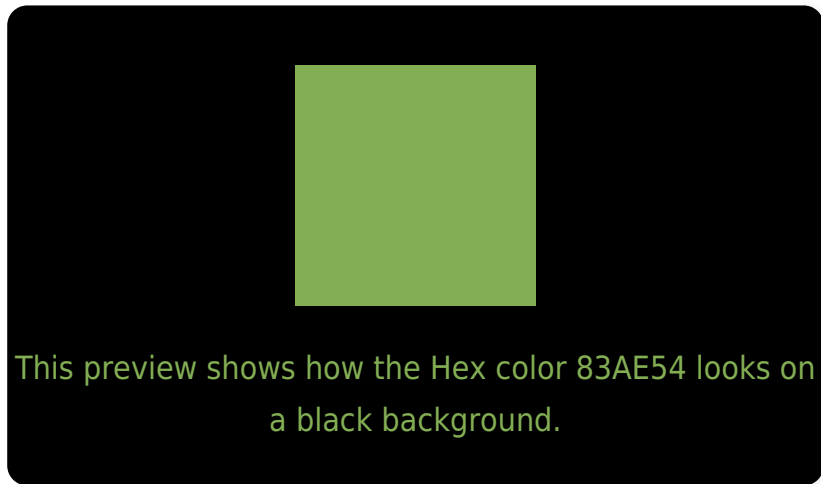
Large Text (above 18pt) WCAG AA × Fail

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 83AE54 Background



This preview shows how black text looks on a background with the Hex color 83AE54.



This preview shows how white text looks on a background with the Hex color 83AE54.

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
83AE54

Protanopia
B2A150

Deuteranopia
C49959



Tritanopia
90A4B1

Trichromacy



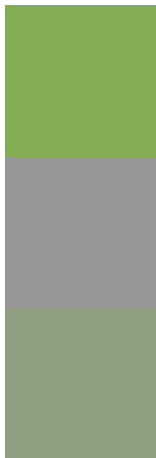
Original Color
83AE54

Protanomaly
A1A651

Deuteranomaly
ACA157

Tritanomaly
8BA88F

Monochromacy



Original Color
83AE54

Achromatopsia
979797

Achromatomaly
909F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 83AE54 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 #83AE54 looks like.

```
.text, #text, p{  
    color:#83AE54  
}
```

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 #83AE54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AE54
}
```

Border

The CSS property to change the border of an element to Hex 83AE54 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
#83AE54 }
```

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

```
.border{ border-color:#83AE54 }
```

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

Here you see how a box with a 4 pixel #83AE54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AE54; -webkit-box-shadow:4px 4px  
4px 4px #83AE54; box-shadow:4px 4px 4px  
4px #83AE54 }
```

Background

The CSS property to change the background color of an element to Hex 83AE54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AE54 }
```

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

```
.background{ background-color:#83AE54 }
```

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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