

Converting Colors

Hex(83AF59)

Have a look what the booklet for
Hex(83AF59) contains.

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Color

Hex(83AF59)

Conversions

Conversions Part 1

Format	Color
Hex	83AF59
RGB	131, 175, 89
RGB Percent	51%, 69%, 35%
CMY	0.4863, 0.3137, 0.6510
CMYK	0.25, 0.00, 0.49, 0.31
HSL	91°, 35%, 52%
HSV	91°, 49%, 69%
XYZ	26.4932, 36.2065, 15.0434
YIQ	152.0400, 1.3820, -36.0740

Conversions

Conversions Part 2

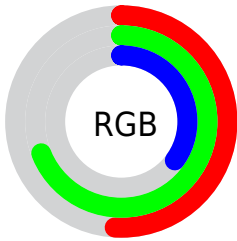
Format	Color
RYB	89, 175, 133
Decimal	8630105
CIELab	66.68, -29.75, 39.15
CIElCh	67, 49.176, 127.232
Yxy	36.2065, 0.3408, 0.4657
Android (android.graphics.Color)	4286820185 (0xFF83AF59)
YUV	152.0400, -31.0787, -18.4521
Hunter-Lab	60.1718, -26.7085, 27.2973

Details

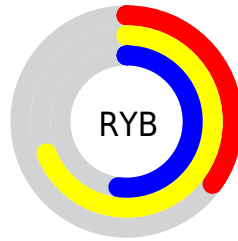
The Hex color **83AF59** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8559AF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BAE78D**, and **4F7A28** is the 20% darker color. If you saturate the color by 10%, you get **7AAF48**, and if you desaturate by 10%, it is **8CAF6A**.

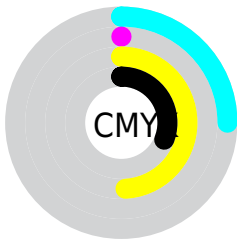
Distribution



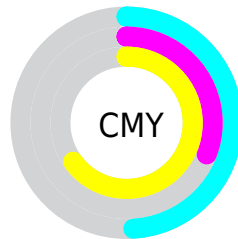
- Red (51%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (52%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AF59 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 83AF59 by changing the saturation by 10% instead.



83AF59



83AF59

FFFFFF



699440



BAE78D



4F7A28



D6FFA8



35610D



F3FFC3



1C4900



FFFFE0



003200

FFFFFFD



001F00



000000



83AF59



83AF59



7AAF48



8CAF6A

 71AF36

 95AF7C

 68AF25

 9EAF8D

 5FAF13

 A7AF9F

 56AF01

 B0AFB0

 55AF00

 B9AFC2

 C2AFD4

 CBAFE5

 D4AFF7

Harmonies

Analogous

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



B2A347



83AF59



43B67E

Triad

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



83AF59



00B0F3



F57D99

Complementary

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



83AF59



8559AF

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.



E183C5



83AF59



69A3FA

Square

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



83AF59



00B7D6



B492E9



F0846F

Rectangle

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



83AF59



00B89C



B492E9



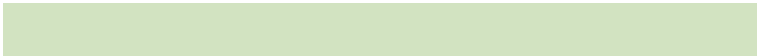
F17DA8

Sweetspot

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



83AF59



D2E3C1



AF8459



68735E



F2F2F2



737373

Same Dimension

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



83AF59



9EE35D



59AF59



52574E



499600



0B1700

Inverse Universe

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



8559AF



A25DE3



AF59AF



524E57



4D0096



0C0017

Previews

White Background



This preview shows how the Hex color 83AF59 looks on a white background.

Color Contrast Check

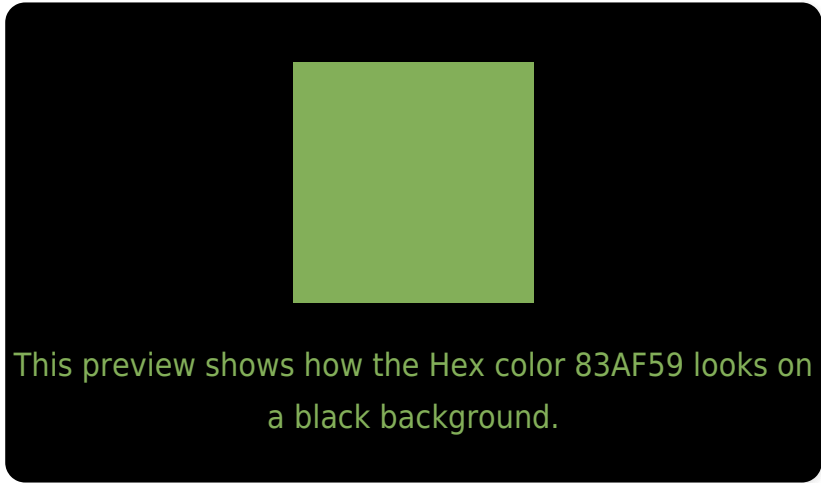
Large Text (above 18pt) WCAG AA × Fail

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 83AF59 Background



This preview shows how black text looks on a background with the Hex color 83AF59.

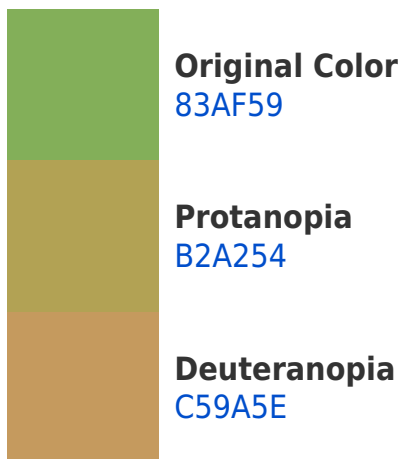


This preview shows how white text looks on a background with the Hex color 83AF59.

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](#).

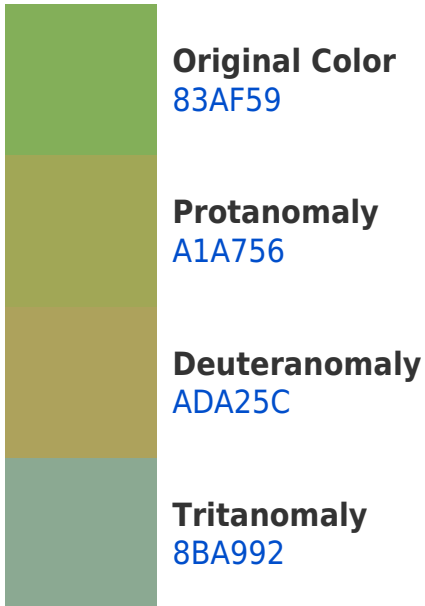
Dichromacy



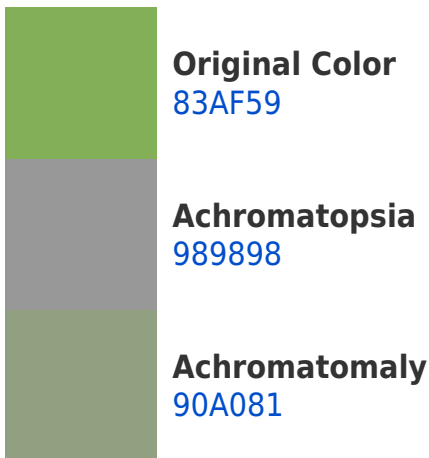


Tritanopia
90A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AF59 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 #83AF59 looks like.

```
.text, #text, p{  
    color:#83AF59  
}
```

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 #83AF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AF59
}
```

Border

The CSS property to change the border of an element to Hex 83AF59 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
#83AF59 }
```

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

```
.border{ border-color:#83AF59 }
```

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

Here you see how a box with a 4 pixel #83AF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AF59; -webkit-box-shadow:4px 4px  
4px 4px #83AF59; box-shadow:4px 4px 4px  
4px #83AF59 }
```

Background

The CSS property to change the background color of an element to Hex 83AF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AF59 }
```

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

```
.background{ background-color:#83AF59 }
```

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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