

Converting Colors

Hex(83AB49)

Have a look what the booklet for
Hex(83AB49) contains.

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Color

Hex(83AB49)

Conversions

Conversions Part 1

Format	Color
Hex	83AB49
RGB	131, 171, 73
RGB Percent	51%, 67%, 29%
CMY	0.4863, 0.3294, 0.7137
CMYK	0.23, 0.00, 0.57, 0.33
HSL	84°, 40%, 48%
HSV	84°, 57%, 67%
XYZ	25.1256, 34.4322, 11.6251
YIQ	147.8680, 7.6180, -38.9580

Conversions

Conversions Part 2

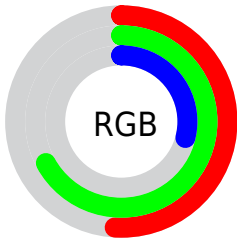
Format	Color
RYB	73, 171, 113
Decimal	8629065
CIELab	65.30, -29.55, 45.30
CIELCh	65, 54.088, 123.121
Yxy	34.4322, 0.3530, 0.4837
Android (android.graphics.Color)	4286819145 (0xFF83AB49)
YUV	147.8680, -36.9099, -14.7932
Hunter-Lab	58.6789, -26.2566, 29.3290

Details

The Hex color **83AB49** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7149AB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BAE37D**, and **4E7714** is the 20% darker color. If you saturate the color by 10%, you get **7CAB38**, and if you desaturate by 10%, it is **8AAB5A**.

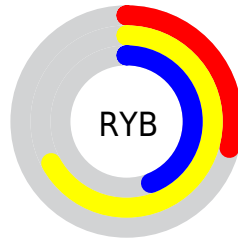
Distribution



Red (51%)

Green (67%)

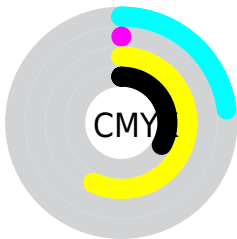
Blue (29%)



Red (29%)

Yellow (67%)

Blue (44%)

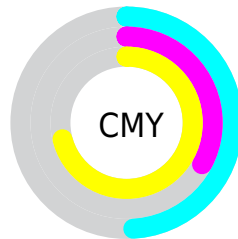


Cyan (23%)

Magenta (0%)

Yellow (57%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AB49 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 83AB49 by changing the saturation by 10% instead.



83AB49



83AB49

FFFFFF



689030



BAE37D



4E7714



D7FF98



345E00



F4FFB3



1B4600



FFFFCF



002F00



FFFEC



001B00



000000



83AB49



83AB49



7CAB38



8AAB5A

 75AB27

 91AB6B

 6EAB16

 98AB7C

 67AB05

 9FAB8D

 65AB00

 A6AB9E

 ADABB0

 B4ABC1

 BBABD2

 C2ABE3

Harmonies

Analogous

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



B59E38



83AB49



3CB371

Triad

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



83AB49



00AFF4



F6739B

Complementary

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



83AB49



7149AB

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.



DE7DCB



83AB49



46A2FF

Square

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



83AB49



00B5D2



A890F0



F47B6C

Rectangle

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



83AB49



00B691



A890F0



F175AC

Sweetspot

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



83AB49



CEDEB8



AB7049



67705A



F0F0F0



707070

Same Dimension

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



83AB49



9FDE45



53AB49



53574E



599600



0E1700

Inverse Universe

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



7149AB



8345DE



A149AB



524E57



3D0096



090017

Previews

White Background



This preview shows how the Hex color 83AB49 looks on a white background.

Color Contrast Check

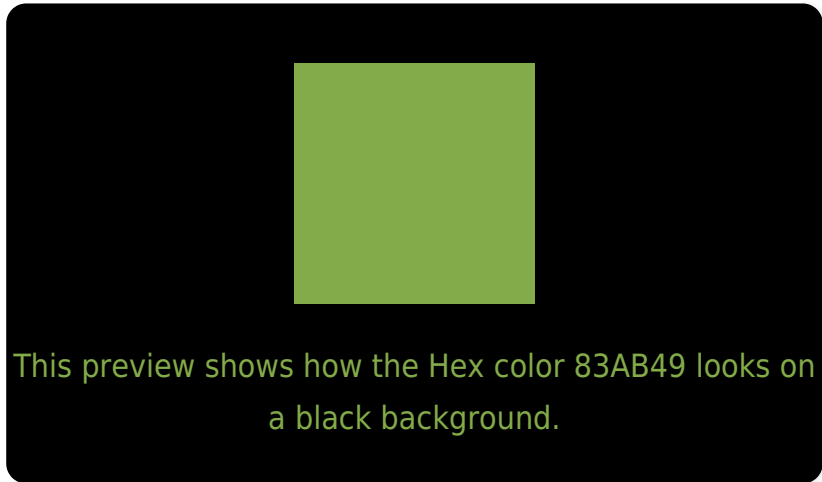
Large Text (above 18pt) WCAG AA × Fail

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 83AB49 Background



This preview shows how black text looks on a background with the Hex color 83AB49.



This preview shows how white text looks on a background with the Hex color 83AB49.

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
83AB49

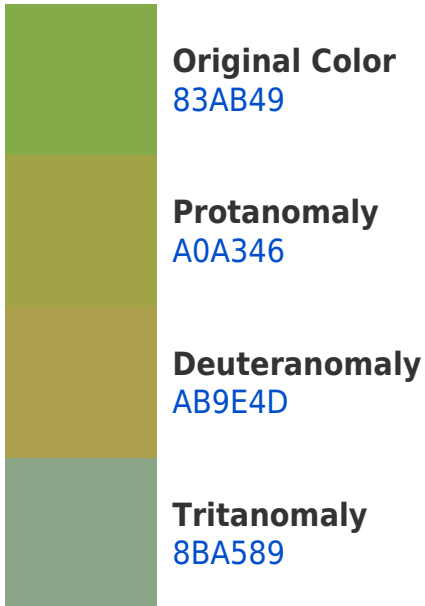
Protanopia
B09E45

Deuteranopia
C2964F

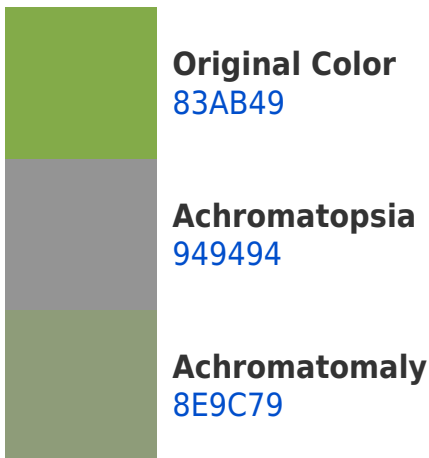


Tritanopia
90A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AB49 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 #83AB49 looks like.

```
.text, #text, p{  
    color:#83AB49  
}
```

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 #83AB49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AB49
}
```

Border

The CSS property to change the border of an element to Hex 83AB49 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
#83AB49 }
```

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

```
.border{ border-color:#83AB49 }
```

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

Here you see how a box with a 4 pixel #83AB49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AB49; -webkit-box-shadow:4px 4px  
4px 4px #83AB49; box-shadow:4px 4px 4px  
4px #83AB49 }
```

Background

The CSS property to change the background color of an element to Hex 83AB49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AB49 }
```

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

```
.background{ background-color:#83AB49 }
```

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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