

Converting Colors

Hex(83AD33)

Have a look what the booklet for
Hex(83AD33) contains.

Hex(83AD33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83AD33)

Conversions

Conversions Part 1

Format	Color
Hex	83AD33
RGB	131, 173, 51
RGB Percent	51%, 68%, 20%
CMY	0.4863, 0.3216, 0.8000
CMYK	0.24, 0.00, 0.71, 0.32
HSL	81°, 54%, 44%
HSV	81°, 71%, 68%
XYZ	24.9012, 34.9515, 8.5658
YIQ	146.5340, 14.1300, -46.8460

Conversions

Conversions Part 2

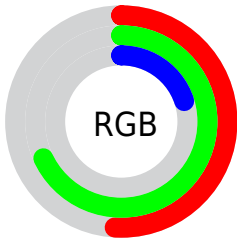
Format	Color
RYB	51, 173, 93
Decimal	8629555
CIELab	65.71, -32.27, 55.18
CIElCh	66, 63.924, 120.314
Yxy	34.9515, 0.3640, 0.5108
Android (android.graphics.Color)	4286819635 (0xFF83AD33)
YUV	146.5340, -47.0983, -13.6233
Hunter-Lab	59.1198, -28.2755, 32.7933

Details

The Hex color **83AD33** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5D33AD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BBE569**, and **4D7800** is the 20% darker color. If you saturate the color by 10%, you get **7DAD22**, and if you desaturate by 10%, it is **89AD44**.

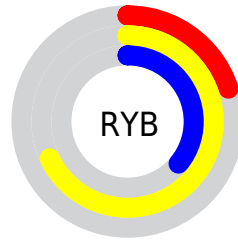
Distribution



Red (51%)

Green (68%)

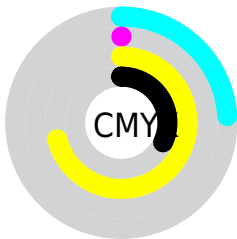
Blue (20%)



Red (20%)

Yellow (68%)

Blue (36%)

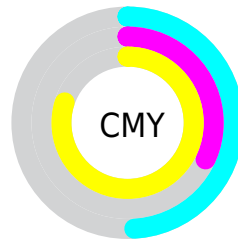


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (32%)



Cyan (49%)

Magenta (32%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AD33 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 83AD33 by changing the saturation by 10% instead.

 83AD33

 83AD33

FFFFFF

 689214

 BBE569

 4D7800

 D8FF84

 325F00

 F5FF9F

 154700

 FFFFBB

 003000

 FFFFD8

 001C00

 FFFFF5

 000000

 83AD33

 83AD33

 7DAD22

 89AD44

■ 77AD10

■ 8FAD56

■ 71AD00

■ 95AD67

■ 9BAD78

■ A1AD8A

■ A7AD9B

■ ADADAC

■ B3ADBD

■ B9ADCF

Harmonies

Analogous

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



BC9D1E



83AD33



24B664

Triad

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



83AD33



00B4FF



FF69A1

Complementary

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



83AD33



5D33AD

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.



E577D9



83AD33



00A6FF

Square

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



83AD33



00BAD8



A090FF



FF7169

Rectangle

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



83AD33



00BA8A



A090FF



FE6BB5

Sweetspot

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



83AD33



D0E0B1



AD5C33



677054



F0F0F0



707070

Same Dimension

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



83AD33



9FE022



47AD33



54574E



639600



0F1700

Inverse Universe

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



5D33AD



6322E0



9933AD



514E57



340096



080017

Previews

White Background



This preview shows how the Hex color 83AD33 looks on a white background.

Color Contrast Check

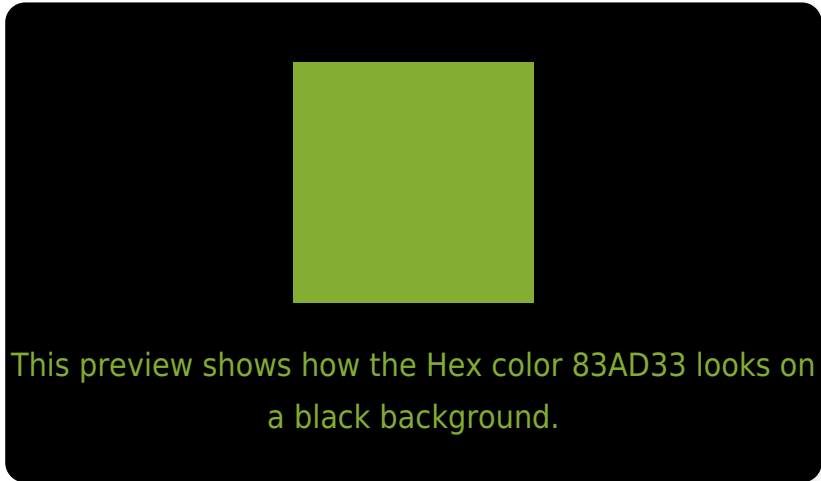
Large Text (above 18pt) WCAG AA × Fail

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 83AD33 Background



This preview shows how black text looks on a background with the Hex color 83AD33.



This preview shows how white text looks on a background with the Hex color 83AD33.

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
83AD33

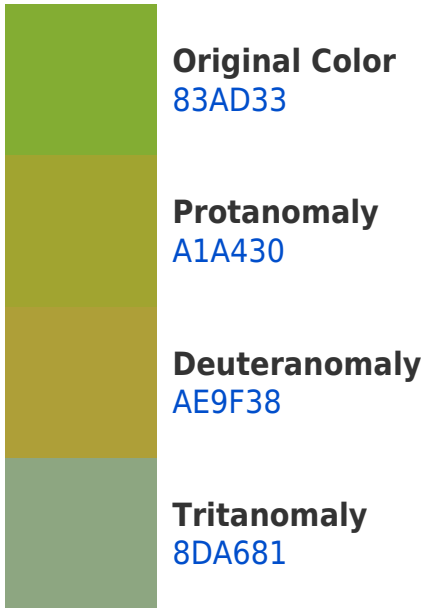
Protanopia
B29F2F

Deuteranopia
C6973B



Tritanopia
92A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AD33 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 #83AD33 looks like.

```
.text, #text, p{  
    color:#83AD33  
}
```

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 #83AD33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AD33
}
```

Border

The CSS property to change the border of an element to Hex 83AD33 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
#83AD33 }
```

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

```
.border{ border-color:#83AD33 }
```

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

Here you see how a box with a 4 pixel #83AD33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AD33; -webkit-box-shadow:4px 4px  
4px 4px #83AD33; box-shadow:4px 4px 4px  
4px #83AD33 }
```

Background

The CSS property to change the background color of an element to Hex 83AD33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AD33 }
```

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

```
.background{ background-color:#83AD33 }
```

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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