

Converting Colors

Hex(83D34A)

Have a look what the booklet for
Hex(83D34A) contains.

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Color

Hex(83D34A)

Conversions

Conversions Part 1

Format	Color
Hex	83D34A
RGB	131, 211, 74
RGB Percent	51%, 83%, 29%
CMY	0.4863, 0.1725, 0.7098
CMYK	0.38, 0.00, 0.65, 0.17
HSL	95°, 61%, 56%
HSV	95°, 65%, 83%
XYZ	33.8904, 51.9082, 14.7116
YIQ	171.4620, -3.7030, -59.5670

Conversions

Conversions Part 2

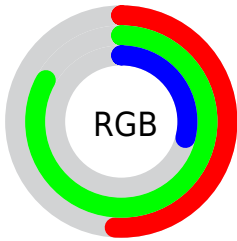
Format	Color
RYB	74, 211, 154
Decimal	8639306
CIELab	77.23, -47.28, 58.11
CIELCh	77, 74.913, 129.135
Yxy	51.9082, 0.3372, 0.5164
Android (android.graphics.Color)	4286829386 (0xFF83D34A)
YUV	171.4620, -48.0488, -35.4852
Hunter-Lab	72.0474, -42.1183, 38.3265

Details

The Hex color **83D34A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9A4AD3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BCFF80**, and **4A9C08** is the 20% darker color. If you saturate the color by 10%, you get **77D335**, and if you desaturate by 10%, it is **8FD35F**.

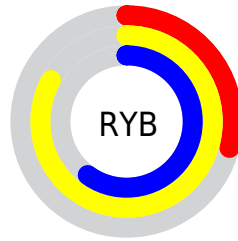
Distribution



Red (51%)

Green (83%)

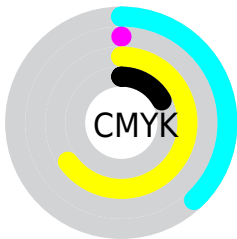
Blue (29%)



Red (29%)

Yellow (83%)

Blue (60%)

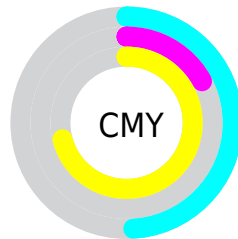


Cyan (38%)

Magenta (0%)

Yellow (65%)

Black (17%)



Cyan (49%)

Magenta (17%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D34A 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 83D34A by changing the saturation by 10% instead.

 83D34A

 83D34A

FFFFFF

 67B72E

 BCFF80

 4A9C08

 DAFF9C

 2B8100

 F7FFB8

 006700

 FFFFD5

 004F00

 FFFFF2

 003700

 002100

 000000

 83D34A

 83D34A

■ 77D335

■ 8FD35F

■ 6AD320

■ 9CD374

■ 5ED30B

■ A8D389

■ 58D300

■ B4D39E

■ C1D3B4

■ CDD3C9

■ D9D3DE

■ E6D3F3

■ F2D3FF

Harmonies

Analogous

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



CEC21E



83D34A



00DC8A

Triad

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



83D34A



00D3FF



FF7BAC

Complementary

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



83D34A



9A4AD3

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.



FF86F2



83D34A



4BC0FF

Square

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



83D34A



00DDFF



DDA3FF



FF8D6A

Rectangle

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



83D34A



00DFBA



DDA3FF



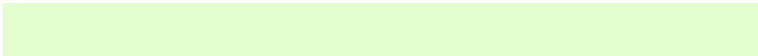
FF7BC4

Sweetspot

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



83D34A



E3FFCF



D39A4A



6E8062



000000



808080

Same Dimension

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



83D34A



8BFF38



4AD355



62695E



46A800



112900

Inverse Universe

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



9A4AD3



AC38FF



D34AC8



645E69



6200A8



180029

Previews

White Background



This preview shows how the Hex color 83D34A looks on a white background.

Color Contrast Check

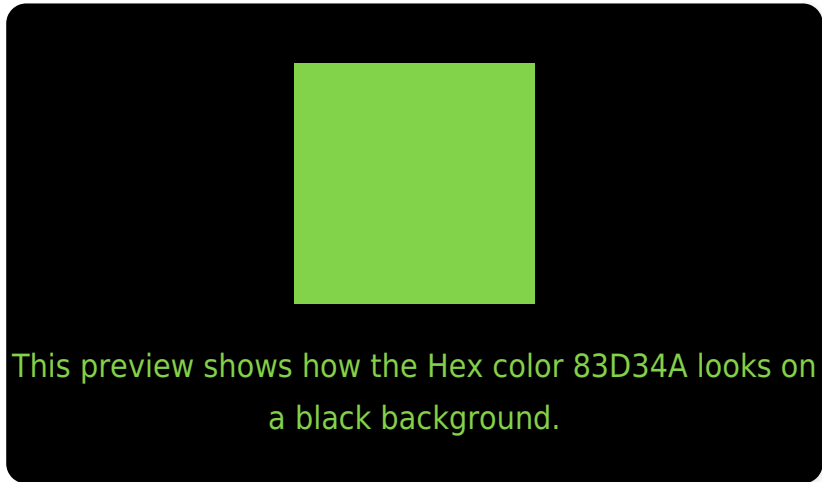
Large Text (above 18pt) WCAG AA × Fail

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 83D34A Background



This preview shows how black text looks on a background with the Hex color 83D34A.

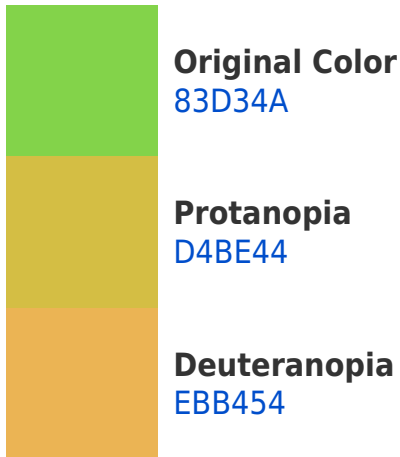


This preview shows how white text looks on a background with the Hex color 83D34A.

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](#).

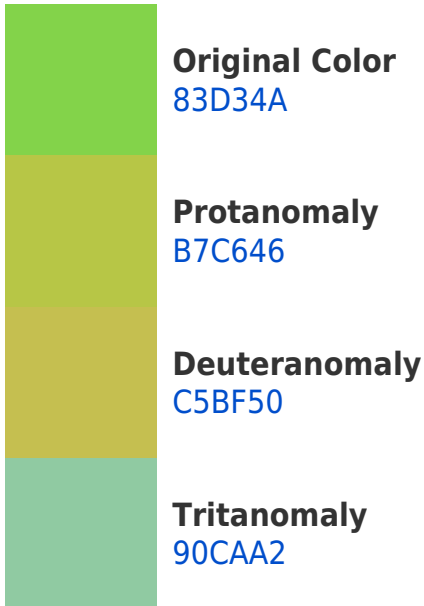
Dichromacy



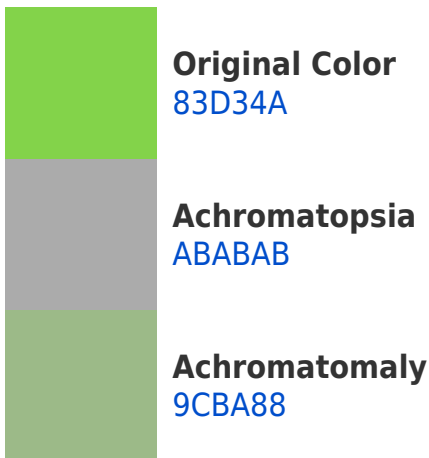


Tritanopia
98C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D34A 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 #83D34A looks like.

```
.text, #text, p{  
    color:#83D34A  
}
```

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 #83D34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D34A
}
```

Border

The CSS property to change the border of an element to Hex 83D34A 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
#83D34A }
```

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

```
.border{ border-color:#83D34A }
```

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

Here you see how a box with a 4 pixel #83D34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D34A; -webkit-box-shadow:4px 4px  
4px 4px #83D34A; box-shadow:4px 4px 4px  
4px #83D34A }
```

Background

The CSS property to change the background color of an element to Hex 83D34A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D34A }
```

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

```
.background{ background-color:#83D34A }
```

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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