

Converting Colors

Hex(84A043)

Have a look what the booklet for
Hex(84A043) contains.

Hex(84A043)	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(84A043)

Conversions

Conversions Part 1

Format	Color
Hex	84A043
RGB	132, 160, 67
RGB Percent	52%, 63%, 26%
CMY	0.4824, 0.3725, 0.7373
CMYK	0.17, 0.00, 0.58, 0.37
HSL	78°, 41%, 45%
HSV	78°, 58%, 63%
XYZ	23.0996, 30.4524, 9.9706
YIQ	141.0260, 13.1650, -34.8590

Conversions

Conversions Part 2

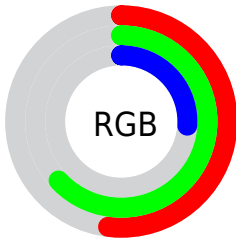
Format	Color
RYB	67, 160, 95
Decimal	8691779
CIELab	62.04, -24.36, 44.41
CIELCh	62, 50.653, 118.750
Yxy	30.4524, 0.3636, 0.4794
Android (android.graphics.Color)	4286881859 (0xFF84A043)
YUV	141.0260, -36.4948, -7.9158
Hunter-Lab	55.1837, -21.8521, 27.9160

Details

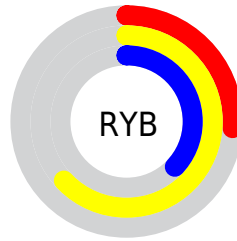
The Hex color **84A043** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F43A0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BBD776**, and **506C0D** is the 20% darker color. If you saturate the color by 10%, you get **7FA033**, and if you desaturate by 10%, it is **89A053**.

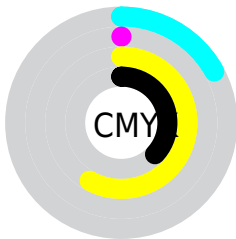
Distribution



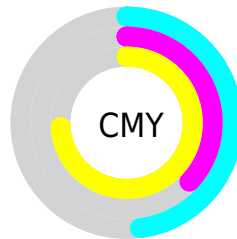
- Red (52%)
- Green (63%)
- Blue (26%)



- Red (26%)
- Yellow (63%)
- Blue (37%)



- Cyan (17%)
- Magenta (0%)
- Yellow (58%)
- Black (37%)



- Cyan (48%)
- Magenta (37%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A043 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 84A043 by changing the saturation by 10% instead.



84A043



84A043

FFFFFF



69862A



BBD776



506C0D



D7F391



365400



F4FFAC



1E3D00



FFFFC8



002700



FFFFE4



000E00



000000



84A043



84A043



7FA033



89A053

 7AA023

 8EA063

 76A013

 92A073

 71A003

 97A083

 70A000

 9CA093

 A1A0A3

 A6A0B3

 ABA0C3

 AFA0D3

Harmonies

Analogous

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



B19338



84A043



49A865

Triad

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



84A043



00A6E2



E66F9A

Complementary

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



84A043



5F43A0

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.



CB79C5



84A043



309BF0

Square

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



84A043



00ACCO



958BE5



E7736D

Rectangle

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



84A043



00AB83



958BE5



E071A9

Sweetspot

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



84A043



C6D1AE



A05F43



626954



E8E8E8



696969

Same Dimension

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



84A043



A5D13F



56A043



4D4F47



648F00



0B0F00

Inverse Universe

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



5F43A0



6B3FD1



8D43A0



4A474F



2B008F



05000F

Previews

White Background



This preview shows how the Hex color 84A043 looks on a white background.

Color Contrast Check

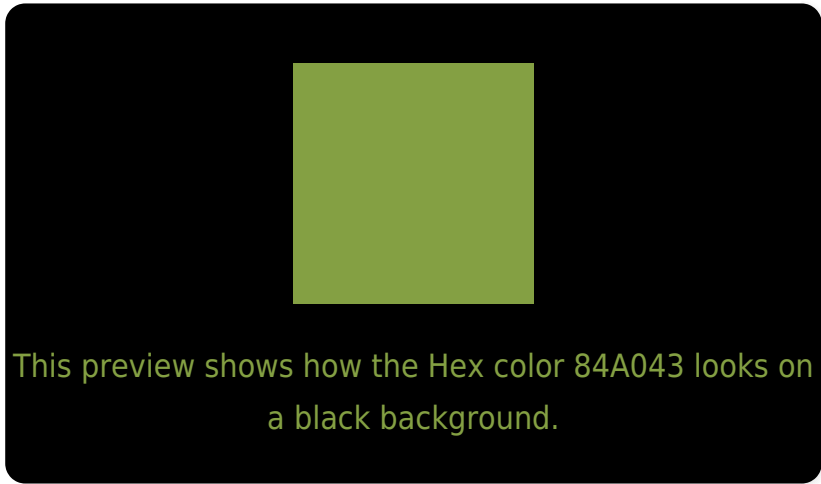
Large Text (above 18pt) WCAG AA × Fail

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

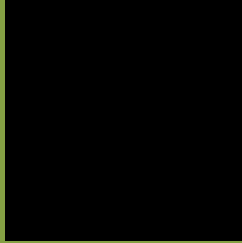
Any Text WCAG AA ✓ Pass

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 84A043 Background



This preview shows how black text looks on a background with the Hex color 84A043.

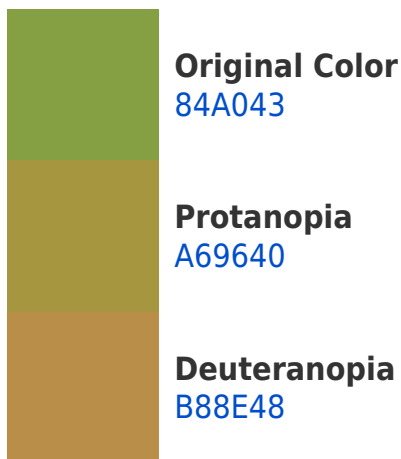


This preview shows how white text looks on a background with the Hex color 84A043.

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](#).

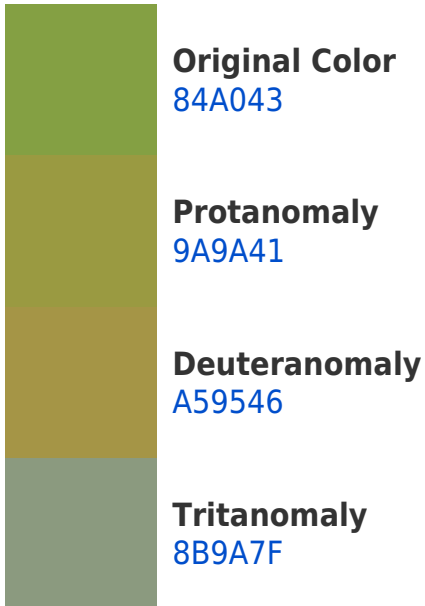
Dichromacy



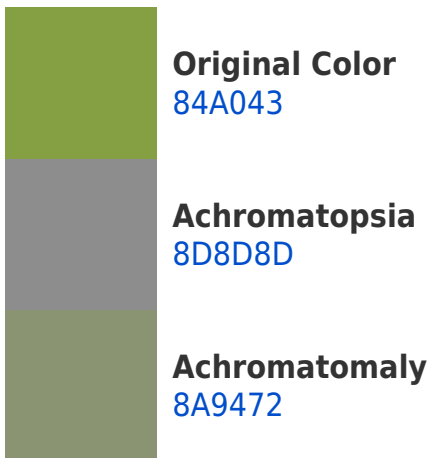


Tritanopia
8F96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A043 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 #84A043 looks like.

```
.text, #text, p{  
    color:#84A043  
}
```

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 #84A043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A043
}
```

Border

The CSS property to change the border of an element to Hex 84A043 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
#84A043 }
```

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

```
.border{ border-color:#84A043 }
```

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

Here you see how a box with a 4 pixel #84A043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A043; -webkit-box-shadow:4px 4px  
4px 4px #84A043; box-shadow:4px 4px 4px  
4px #84A043 }
```

Background

The CSS property to change the background color of an element to Hex 84A043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A043 }
```

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

```
.background{ background-color:#84A043 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor