

Converting Colors

Hex(84A246)

Have a look what the booklet for
Hex(84A246) contains.

Hex(84A246)	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(84A246)

Conversions

Conversions Part 1

Format	Color
Hex	84A246
RGB	132, 162, 70
RGB Percent	52%, 64%, 27%
CMY	0.4824, 0.3647, 0.7255
CMYK	0.19, 0.00, 0.57, 0.36
HSL	80°, 40%, 45%
HSV	80°, 57%, 64%
XYZ	23.5415, 31.1884, 10.5735
YIQ	142.5420, 11.6520, -34.9720

Conversions

Conversions Part 2

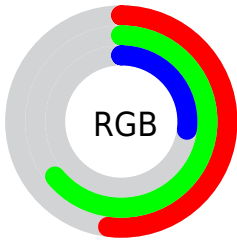
Format	Color
RYB	70, 162, 100
Decimal	8692294
CIELab	62.67, -25.07, 43.70
CIELCh	63, 50.386, 119.845
Yxy	31.1884, 0.3605, 0.4776
Android (android.graphics.Color)	4286882374 (0xFF84A246)
YUV	142.5420, -35.7632, -9.2453
Hunter-Lab	55.8466, -22.4867, 27.8671

Details

The Hex color **84A246** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6446A2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BBD979**, and **506E12** is the 20% darker color. If you saturate the color by 10%, you get **7FA236**, and if you desaturate by 10%, it is **89A256**.

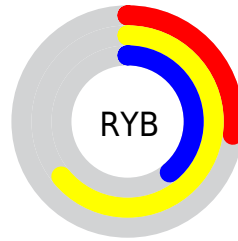
Distribution



Red (52%)

Green (64%)

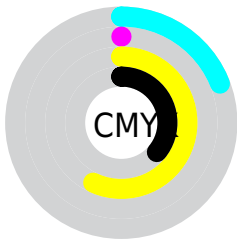
Blue (27%)



Red (27%)

Yellow (64%)

Blue (39%)

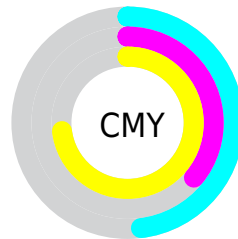


Cyan (19%)

Magenta (0%)

Yellow (57%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A246 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 84A246 by changing the saturation by 10% instead.



84A246



84A246

FFFFFF



6A882D



BBD979



506E12



D7F594



365600



F4FFAF



1E3E00



FFFFCB



012800



FFFFE8



001100



000000



84A246



84A246



7FA236



89A256

 79A226

 8FA266

 74A215

 94A277

 6FA205

 99A287

 6DA200

 9EA297

 A4A2A7

 A9A2B7

 AEA2C8

 B4A2D8

Harmonies

Analogous

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



B1953A



84A246



48AA69

Triad

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



84A246



00A8E4



E8719A

Complementary

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



84A246



6446A2

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.



CE7AC5



84A246



3B9CF1

Square

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



84A246



00ADC3



998CE5



E8756E

Rectangle

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



84A246



00AD86



998CE5



E272A9

Sweetspot

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



84A246



C8D4B0



A26346



646B56



EBEBEB



6B6B6B

Same Dimension

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



84A246



A5D444



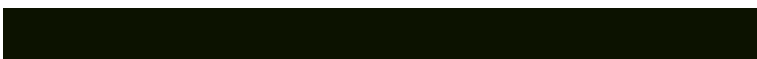
57A246



4F5249



629100



0C1200

Inverse Universe

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



6446A2



7344D4



9146A2



4C4952



2F0091



060012

Previews

White Background



This preview shows how the Hex color 84A246 looks on a white background.

Color Contrast Check

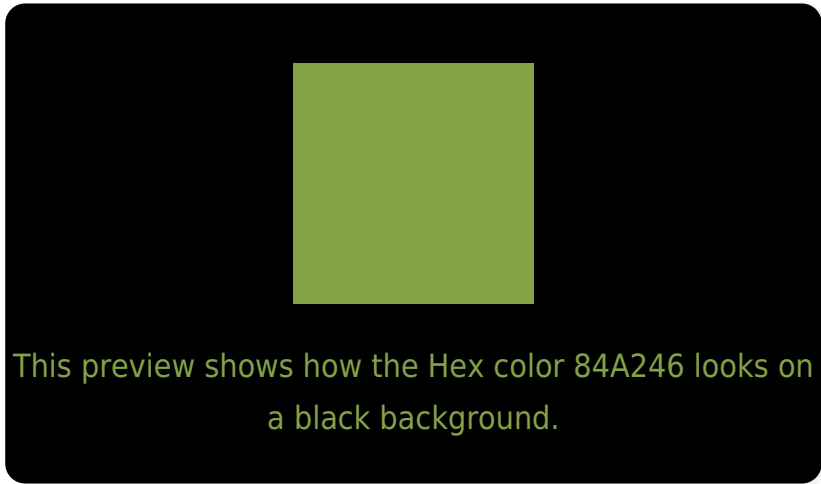
Large Text (above 18pt) WCAG AA × Fail

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 84A246 Background



This preview shows how black text looks on a background with the Hex color 84A246.

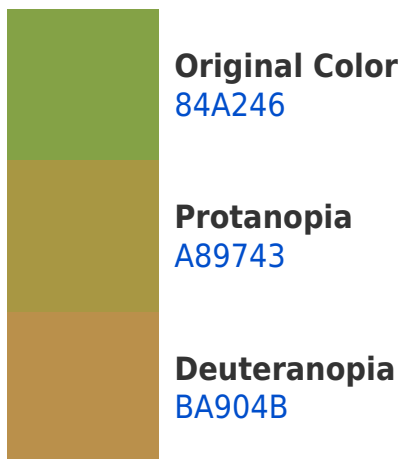


This preview shows how white text looks on a background with the Hex color 84A246.

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](#).

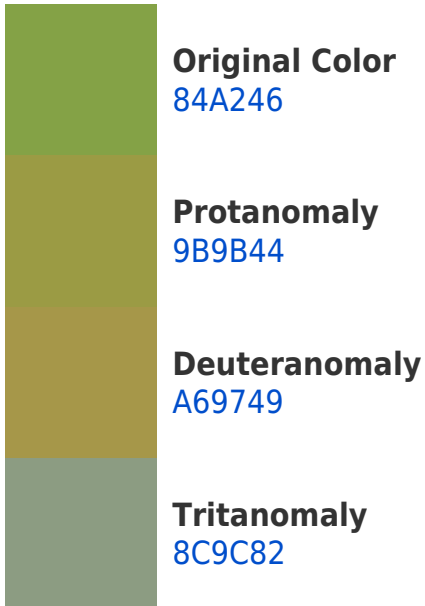
Dichromacy



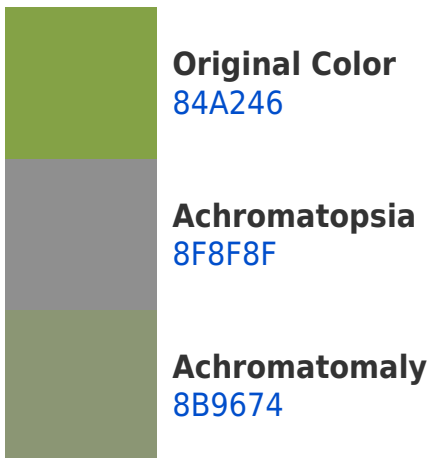


Tritanopia
9098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A246 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 #84A246 looks like.

```
.text, #text, p{  
    color:#84A246  
}
```

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 #84A246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A246
}
```

Border

The CSS property to change the border of an element to Hex 84A246 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
#84A246 }
```

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

```
.border{ border-color:#84A246 }
```

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

Here you see how a box with a 4 pixel #84A246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A246; -webkit-box-shadow:4px 4px  
4px 4px #84A246; box-shadow:4px 4px 4px  
4px #84A246 }
```

Background

The CSS property to change the background color of an element to Hex 84A246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A246 }
```

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

```
.background{ background-color:#84A246 }
```

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