

Converting Colors

Hex(84A741)

Have a look what the booklet for
Hex(84A741) contains.

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Color

Hex(84A741)

Conversions

Conversions Part 1

Format	Color
Hex	84A741
RGB	132, 167, 65
RGB Percent	52%, 65%, 25%
CMY	0.4824, 0.3451, 0.7451
CMYK	0.21, 0.00, 0.61, 0.35
HSL	81°, 44%, 45%
HSV	81°, 61%, 65%
XYZ	24.2886, 32.9246, 10.0760
YIQ	144.9070, 11.8820, -39.1420

Conversions

Conversions Part 2

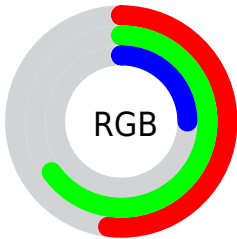
Format	Color
RYB	65, 167, 100
Decimal	8693569
CIELab	64.10, -27.97, 47.64
CIELCh	64, 55.242, 120.415
Yxy	32.9246, 0.3610, 0.4893
Android (android.graphics.Color)	4286883649 (0xFF84A741)
YUV	144.9070, -39.3942, -11.3194
Hunter-Lab	57.3800, -24.8571, 29.7546

Details

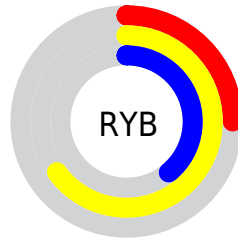
The Hex color **84A741** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6441A7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BBDE75**, and **4F7307** is the 20% darker color. If you saturate the color by 10%, you get **7EA730**, and if you desaturate by 10%, it is **8AA752**.

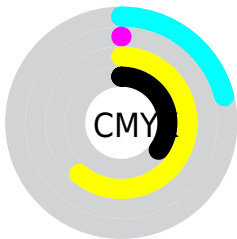
Distribution



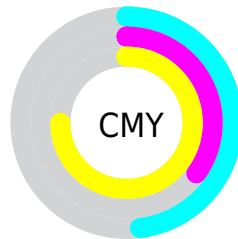
- Red (52%)
- Green (65%)
- Blue (25%)



- Red (25%)
- Yellow (65%)
- Blue (39%)



- Cyan (21%)
- Magenta (0%)
- Yellow (61%)
- Black (35%)



- Cyan (48%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A741 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 84A741 by changing the saturation by 10% instead.



84A741



84A741

FFFFFF



698D27



BBDE75



4F7307



D8FB90



355A00



F5FFAB



1C4200



FFFFC7



002C00



FFFFE3



001700



000000



84A741



84A741



7EA730



8AA752

 79A720

 8FA762

 73A70F

 95A773

 6EA700

 9BA784

 A1A794

 A6A7A5

 ACA7B6

 B2A7C7

 B8A7D7

Harmonies

Analogous

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



B69932



84A741



3EB068

Triad

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



84A741



00ADF0



F36F9D

Complementary

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



84A741



6441A7

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.



D87ACD



84A741



28A1FE

Square

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



84A741



00B3CC



9E8EF1



F3756C

Rectangle

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



84A741



00B389



9E8EF1



ED71AD

Sweetspot

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



84A741



CBD9B2



A76341



656E56



EDEDED



6E6E6E

Same Dimension

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



84A741



A2D93B



52A741



51544C



619400



0D1400

Inverse Universe

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



6441A7



713BD9



9641A7



4F4C54



330094



070014

Previews

White Background



This preview shows how the Hex color 84A741 looks on a white background.

Color Contrast Check

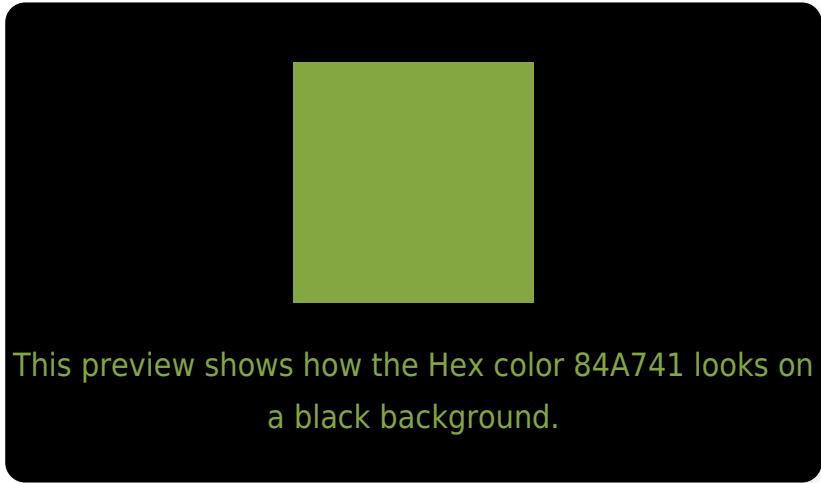
Large Text (above 18pt) WCAG AA × Fail

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

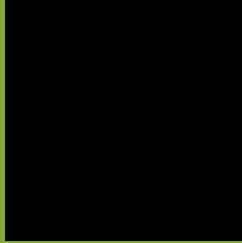
Any Text WCAG AA ✓ Pass

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 84A741 Background



This preview shows how black text looks on a background with the Hex color 84A741.

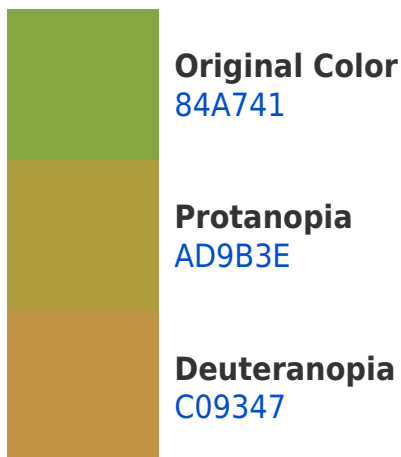


This preview shows how white text looks on a background with the Hex color 84A741.

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](#).

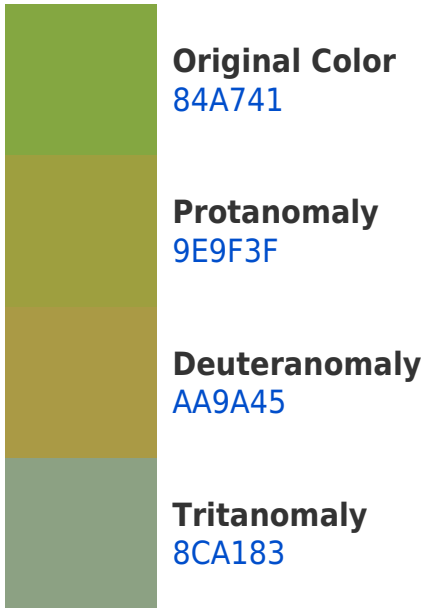
Dichromacy





Tritanopia
919DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A741 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 #84A741 looks like.

```
.text, #text, p{  
    color:#84A741  
}
```

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 #84A741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A741
}
```

Border

The CSS property to change the border of an element to Hex 84A741 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
#84A741 }
```

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

```
.border{ border-color:#84A741 }
```

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

Here you see how a box with a 4 pixel #84A741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A741; -webkit-box-shadow:4px 4px  
4px 4px #84A741; box-shadow:4px 4px 4px  
4px #84A741 }
```

Background

The CSS property to change the background color of an element to Hex 84A741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A741 }
```

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

```
.background{ background-color:#84A741 }
```

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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