

Converting Colors

Hex(82A837)

Have a look what the booklet for
Hex(82A837) contains.

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Color

Hex(82A837)

Conversions

Conversions Part 1

Format	Color
Hex	82A837
RGB	130, 168, 55
RGB Percent	51%, 66%, 22%
CMY	0.4902, 0.3412, 0.7843
CMYK	0.23, 0.00, 0.67, 0.34
HSL	80°, 51%, 44%
HSV	80°, 67%, 66%
XYZ	23.8981, 33.0269, 8.7297
YIQ	143.7560, 13.6250, -43.1990

Conversions

Conversions Part 2

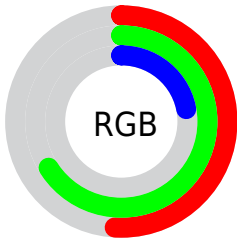
Format	Color
RYB	55, 168, 93
Decimal	8562743
CIELab	64.18, -30.03, 52.01
CIElCh	64, 60.055, 120.006
Yxy	33.0269, 0.3640, 0.5030
Android (android.graphics.Color)	4286752823 (0xFF82A837)
YUV	143.7560, -43.7567, -12.0640
Hunter-Lab	57.4691, -26.3428, 31.2220

Details

The Hex color **82A837** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D37A8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BADF6C**, and **4D7400** is the 20% darker color. If you saturate the color by 10%, you get **7CA826**, and if you desaturate by 10%, it is **88A848**.

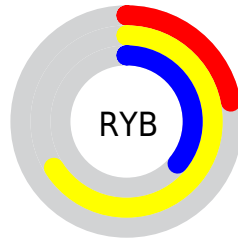
Distribution



Red (51%)

Green (66%)

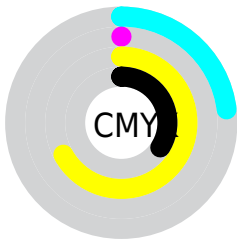
Blue (22%)



Red (22%)

Yellow (66%)

Blue (36%)

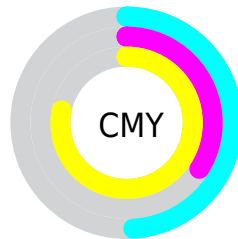


Cyan (23%)

Magenta (0%)

Yellow (67%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82A837 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 82A837 by changing the saturation by 10% instead.



82A837



82A837

FFFFFF



678D1B



BADF6C



4D7400



D6FC86



325B00



F3FFA2



174300



FFFFBE



002C00



FFFFDA



001700



FFFFF7



000000



82A837



82A837



7CA826



88A848

■ 77A815

■ 8DA859

■ 71A805

■ 93A869

■ 70A800

■ 99A87A

■ 9EA88B

■ A4A89C

■ AAA8AD

■ AFA8BD

■ B5A8CE

Harmonies

Analogous

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



B89925



82A837



30B163

Triad

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



82A837



00AFF8



FA699E

Complementary

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



82A837



5D37A8

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.



DC77D2



82A837



00A2FF

Square

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



82A837



00B5D0



9C8DF9



FA7069

Rectangle

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



82A837



00B487



9C8DF9



F46CB0

Sweetspot

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



82A837



CDDBAF



A85D37



656E53



EDEDED



6E6E6E

Same Dimension

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



82A837



A0DB2A



4AA837



51544C



629400



0E1400

Inverse Universe

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



5D37A8



652ADB



9537A8



4F4C54



320094



070014

Previews

White Background



This preview shows how the Hex color 82A837 looks on a white background.

Color Contrast Check

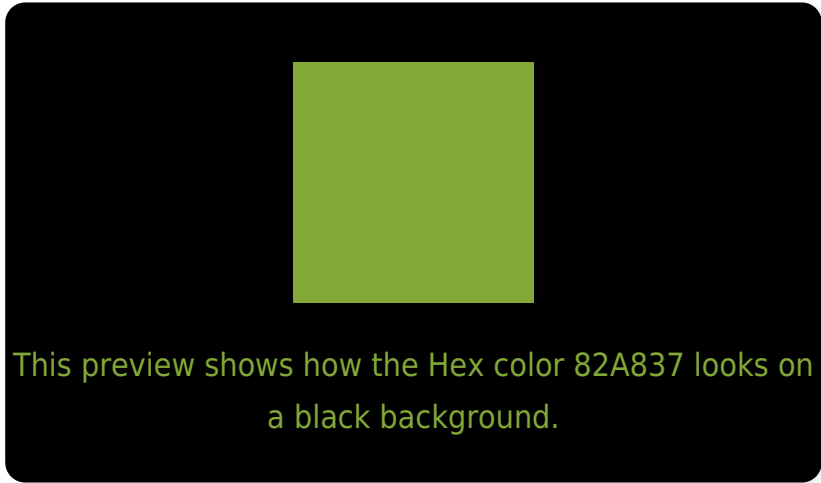
Large Text (above 18pt) WCAG AA × Fail

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 82A837 Background



This preview shows how black text looks on a background with the Hex color 82A837.



This preview shows how white text looks on a background with the Hex color 82A837.

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](#).

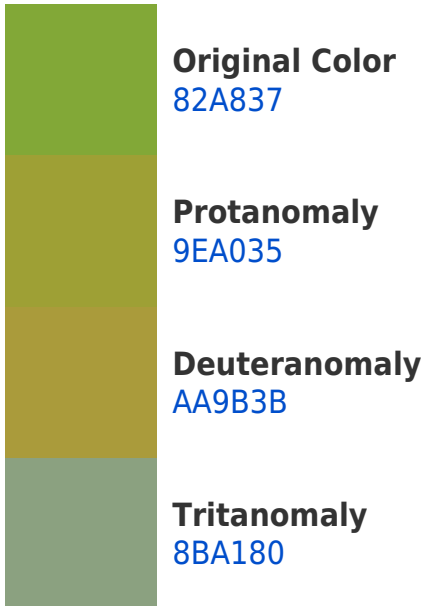
Dichromacy



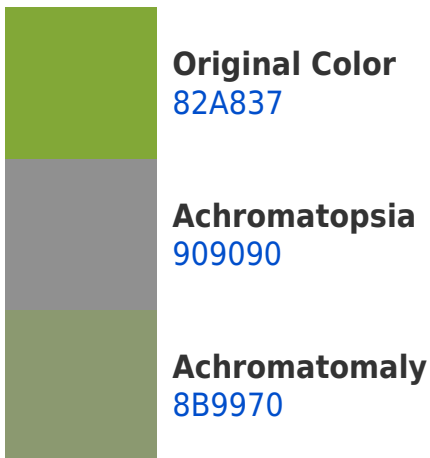


Tritanopia
909DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82A837 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 #82A837 looks like.

```
.text, #text, p{  
  color:#82A837  
}
```

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 #82A837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A837
}
```

Border

The CSS property to change the border of an element to Hex 82A837 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
#82A837 }
```

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

```
.border{ border-color:#82A837 }
```

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

Here you see how a box with a 4 pixel #82A837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A837; -webkit-box-shadow:4px 4px  
4px 4px #82A837; box-shadow:4px 4px 4px  
4px #82A837 }
```

Background

The CSS property to change the background color of an element to Hex 82A837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A837 }
```

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

```
.background{ background-color:#82A837 }
```

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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