

Converting Colors

Hex(81A842)

Have a look what the booklet for
Hex(81A842) contains.

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Color

Hex(81A842)

Conversions

Conversions Part 1

Format	Color
Hex	81A842
RGB	129, 168, 66
RGB Percent	51%, 66%, 26%
CMY	0.4941, 0.3412, 0.7412
CMYK	0.23, 0.00, 0.61, 0.34
HSL	83°, 44%, 46%
HSV	83°, 61%, 66%
XYZ	24.0393, 33.0657, 10.2696
YIQ	144.7110, 9.4980, -39.9900

Conversions

Conversions Part 2

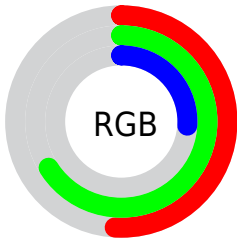
Format	Color
RYB	66, 168, 105
Decimal	8497218
CIELab	64.21, -29.55, 47.26
CIELCh	64, 55.738, 122.015
Yxy	33.0657, 0.3568, 0.4908
Android (android.graphics.Color)	4286687298 (0xFF81A842)
YUV	144.7110, -38.8045, -13.7785
Hunter-Lab	57.5028, -26.0074, 29.6632

Details

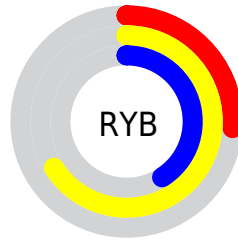
The Hex color **81A842** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6942A8**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B8DF76**, and **4C7409** is the 20% darker color. If you saturate the color by 10%, you get **7BA831**, and if you desaturate by 10%, it is **87A853**.

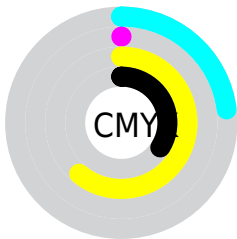
Distribution



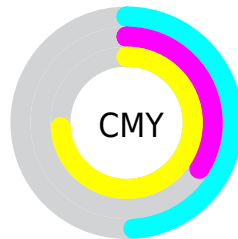
- Red (51%)
- Green (66%)
- Blue (26%)



- Red (26%)
- Yellow (66%)
- Blue (41%)



- Cyan (23%)
- Magenta (0%)
- Yellow (61%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A842 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 81A842 by changing the saturation by 10% instead.



81A842



81A842

FFFFFF



668D28



B8DF76



4C7409



D5FC91



325B00



F2FFAC



184300



FFFFC8



002C00



FFFFE4



001700



000000



81A842



81A842



7BA831



87A853

 74A820

 8EA864

 6EA810

 94A874

 68A800

 9BA885

 A1A896

 A8A8A7

 AEA8B8

 B4A8C8

 BBA8D9

Harmonies

Analogous

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



B49A31



81A842



37B06B

Triad

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



81A842



00ADF3



F56F9A

Complementary

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



81A842



6942A8

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.



DB79CB



81A842



32A0FF

Square

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



81A842



00B3CF



A28DF0



F3766A

Rectangle

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



81A842



00B38C



A28DF0



F070AB

Sweetspot

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



81A842



CCDBB4



A86742



646E56



EDEDED



6E6E6E

Same Dimension

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



81A842



9EDB3B



50A842



51544C



5B9400



0D1400

Inverse Universe

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



6942A8



783BDB



9A42A8



4F4C54



390094



080014

Previews

White Background



This preview shows how the Hex color 81A842 looks on a white background.

Color Contrast Check

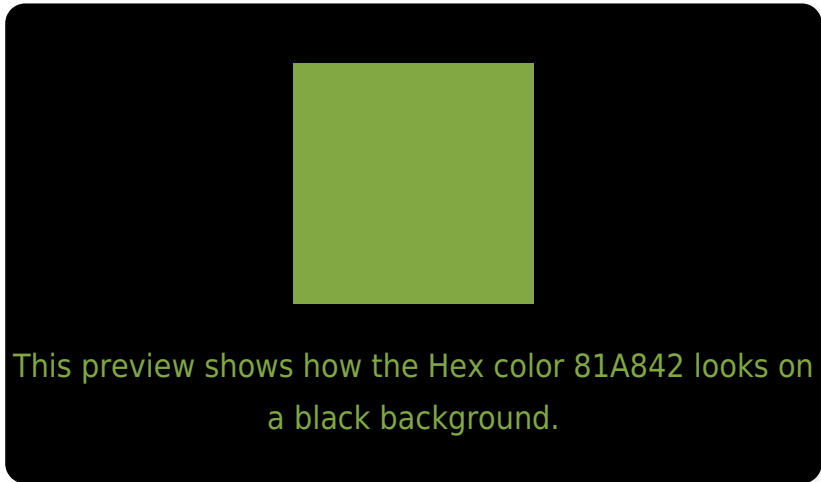
Large Text (above 18pt) WCAG AA × Fail

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 81A842 Background



This preview shows how black text looks on a background with the Hex color 81A842.



This preview shows how white text looks on a background with the Hex color 81A842.

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



Original Color
81A842

Protanopia
AD9B3E

Deuteranopia
C09448



Tritanopia
8E9DAA

Trichromacy



Original Color
81A842

Protanomaly
9DA03F

Deuteranomaly
A99B46

Tritanomaly
89A184

Monochromacy



Original Color
81A842

Achromatopsia
919191

Achromatomaly
8B9974

CSS Examples

Text

The CSS property to change the color of the text to Hex 81A842 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 #81A842 looks like.

```
.text, #text, p{  
    color:#81A842  
}
```

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 #81A842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A842
}
```

Border

The CSS property to change the border of an element to Hex 81A842 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
#81A842 }
```

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

```
.border{ border-color:#81A842 }
```

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

Here you see how a box with a 4 pixel #81A842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A842; -webkit-box-shadow:4px 4px  
4px 4px #81A842; box-shadow:4px 4px 4px  
4px #81A842 }
```

Background

The CSS property to change the background color of an element to Hex 81A842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A842 }
```

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

```
.background{ background-color:#81A842 }
```

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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