

Converting Colors

Hex(818B42)

Have a look what the booklet for
Hex(818B42) contains.

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Color

Hex(818B42)

Conversions

Conversions Part 1

Format	Color
Hex	818B42
RGB	129, 139, 66
RGB Percent	51%, 55%, 26%
CMY	0.4941, 0.4549, 0.7412
CMYK	0.07, 0.00, 0.53, 0.45
HSL	68°, 36%, 40%
HSV	68°, 53%, 55%
XYZ	19.2692, 23.5257, 8.6796
YIQ	127.6880, 17.4730, -24.8230

Conversions

Conversions Part 2

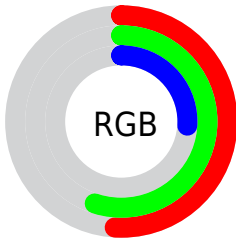
Format	Color
RYB	66, 139, 76
Decimal	8489794
CIELab	55.61, -14.93, 37.39
CIELCh	56, 40.263, 111.773
Yxy	23.5257, 0.3743, 0.4570
Android (android.graphics.Color)	4286679874 (0xFF818B42)
YUV	127.6880, -30.4122, 1.1506
Hunter-Lab	48.5033, -13.9669, 23.3425

Details

The Hex color **818B42** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4C428B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B7C074**, and **4E5911** is the 20% darker color. If you saturate the color by 10%, you get **7F8B34**, and if you desaturate by 10%, it is **838B50**.

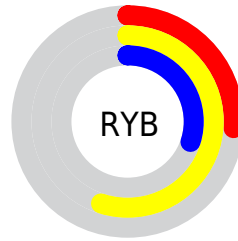
Distribution



Red (51%)

Green (55%)

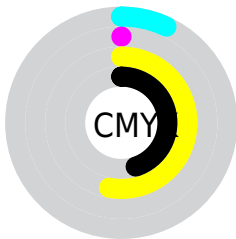
Blue (26%)



Red (26%)

Yellow (55%)

Blue (30%)

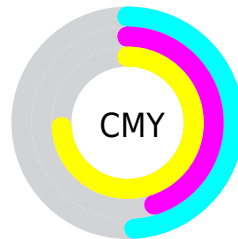


Cyan (7%)

Magenta (0%)

Yellow (53%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818B42 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 818B42 by changing the saturation by 10% instead.



818B42



818B42

FFFFFF



67722A



B7C074



4E5911



D3DC8E



354200



F0F9A9



1E2C00



FFFFC5



001900



FFFFE1



000000

FFFFFFE



818B42



818B42



7F8B34



838B50

 7D8B26

 858B5E

 7B8B18

 878B6C

 798B0A

 898B7A

 788B00

 8B8B88

 8C8B95

 8E8BA3

 908BB1

 928BBF

Harmonies

Analogous

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



A3803F



818B42



589358

Triad

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



818B42



0094BB



C16990

Complementary

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



818B42



4C428B

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.



A772B1



818B42



2E8CCA

Square

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



818B42



00979E



7980C6



C76A6D

Rectangle

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



818B42



33966E



7980C6



BB6B9C

Sweetspot

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



818B42



B1B598



8B4C42



595C4A



DBDBDB



5C5C5C

Same Dimension

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



818B42



A5B543



5D8B42



44453E



728500



040500

Inverse Universe

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



4C428B



5343B5



70428B



3F3E45



120085



010005

Previews

White Background



This preview shows how the Hex color 818B42 looks on a white background.

Color Contrast Check

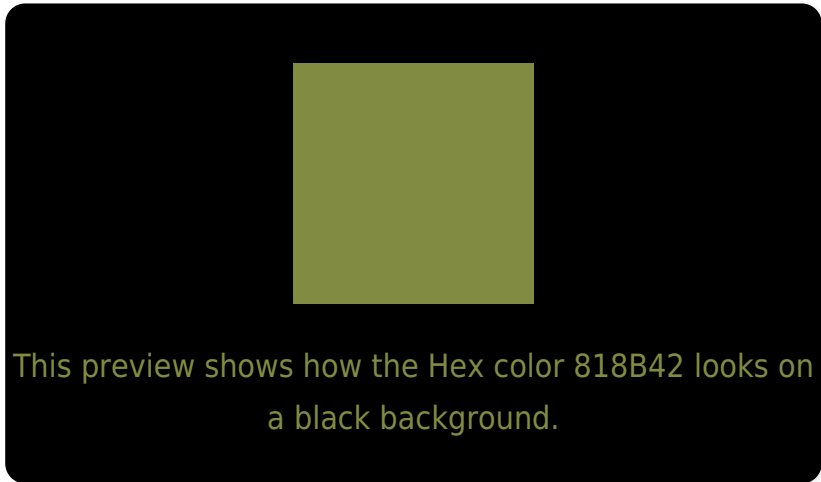
Large Text (above 18pt) WCAG AA ✓ Pass

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

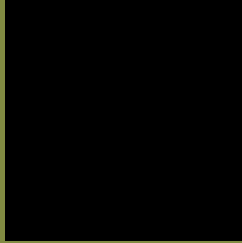
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 818B42 Background



This preview shows how black text looks on a background with the Hex color 818B42.

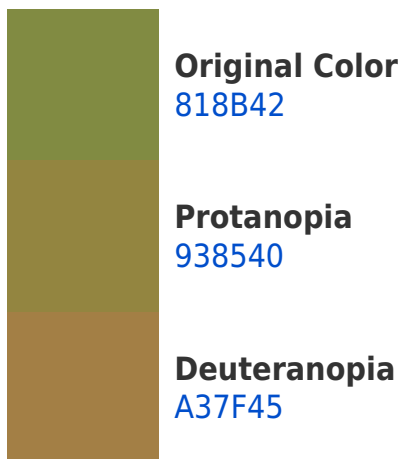



This preview shows how white text looks on a background with the Hex color 818B42.

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
89838D

Trichromacy



Original Color
818B42

Protanomaly
8C8741

Deuteranomaly
978344

Tritanomaly
868672

Monochromacy



Original Color
818B42

Achromatopsia
808080

Achromatomaly
808469

CSS Examples

Text

The CSS property to change the color of the text to Hex 818B42 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 #818B42 looks like.

```
.text, #text, p{  
    color:#818B42  
}
```

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 #818B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818B42  
}
```

Border

The CSS property to change the border of an element to Hex 818B42 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  
#818B42 }
```

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

```
.border{ border-color:#818B42 }
```

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

Here you see how a box with a 4 pixel #818B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818B42; -webkit-box-shadow:4px 4px  
4px 4px #818B42; box-shadow:4px 4px 4px  
4px #818B42 }
```

Background

The CSS property to change the background color of an element to Hex 818B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818B42 }
```

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

```
.background{ background-color:#818B42 }
```

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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