

Converting Colors

Hex(818B34)

Have a look what the booklet for
Hex(818B34) contains.

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Color

Hex(818B34)

Conversions

Conversions Part 1

Format	Color
Hex	818B34
RGB	129, 139, 52
RGB Percent	51%, 55%, 20%
CMY	0.4941, 0.4549, 0.7961
CMYK	0.07, 0.00, 0.63, 0.45
HSL	67°, 46%, 37%
HSV	67°, 63%, 55%
XYZ	18.9057, 23.3803, 6.7652
YIQ	126.0920, 21.9670, -29.1770

Conversions

Conversions Part 2

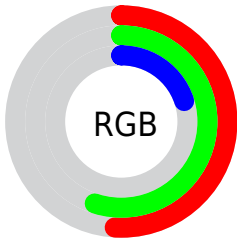
Format	Color
RYB	52, 139, 62
Decimal	8489780
CIELab	55.46, -16.16, 44.00
CIELCh	55, 46.869, 110.164
Yxy	23.3803, 0.3854, 0.4767
Android (android.graphics.Color)	4286679860 (0xFF818B34)
YUV	126.0920, -36.5274, 2.5503
Hunter-Lab	48.3532, -14.8260, 25.5518

Details

The Hex color **818B34** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E348B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B8C067**, and **4D5900** is the 20% darker color. If you saturate the color by 10%, you get **7F8B26**, and if you desaturate by 10%, it is **838B42**.

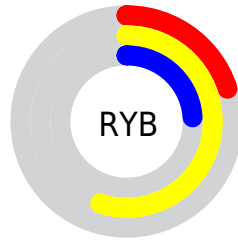
Distribution



Red (51%)

Green (55%)

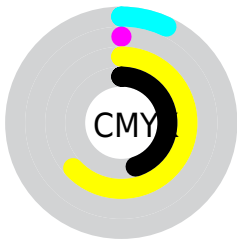
Blue (20%)



Red (20%)

Yellow (55%)

Blue (24%)

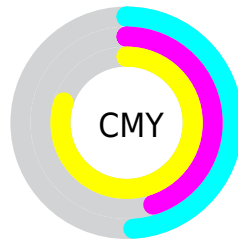


Cyan (7%)

Magenta (0%)

Yellow (63%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818B34 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 818B34 by changing the saturation by 10% instead.



818B34



818B34

FFFFFF



67721A



B8C067



4D5900



D4DC81



354200



F1F99B



1C2C00



FFFFB7



001900



FFFFD3



000000



FFFFF0



818B34



818B34



7F8B26



838B42

■ 7E8B18

■ 848B50

■ 7C8B0A

■ 868B5E

■ 7B8B00

■ 878B6C

■ 898B7A

■ 8B8B87

■ 8C8B95

■ 8E8BA3

■ 8F8BB1

Harmonies

Analogous

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



A77E32



818B34



51944F

Triad

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



818B34



0096C2



C96394

Complementary

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



818B34



3E348B

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.



AA6FB9



818B34



008DD5

Square

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



818B34



0099A0



707FD1



D0636B

Rectangle

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



818B34



199768



707FD1



C166A1

Sweetspot

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



818B34



B1B593



8B3D34



595C47



DBDBDB



5C5C5C

Same Dimension

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



818B34



A5B52D



578B34



44453E



758500



050500

Inverse Universe

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



3E348B



3D2DB5



68348B



3F3E45



0F0085



010005

Previews

White Background



This preview shows how the Hex color 818B34 looks on a white background.

Color Contrast Check

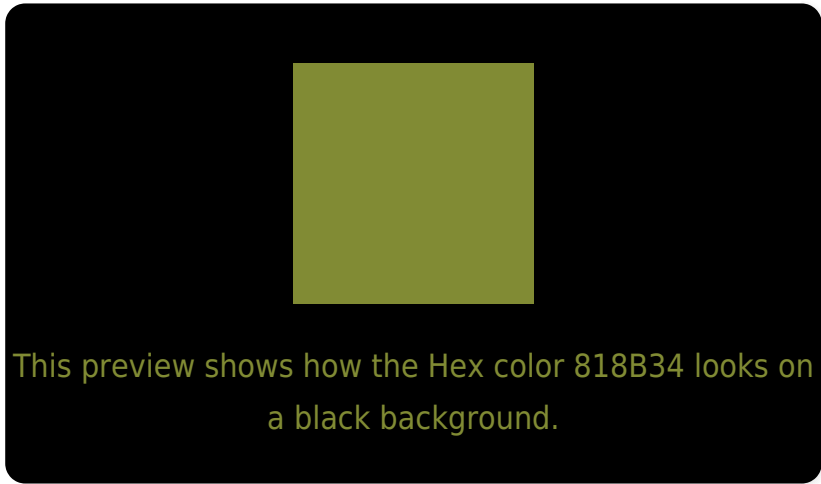
Large Text (above 18pt) WCAG AA ✓ Pass

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

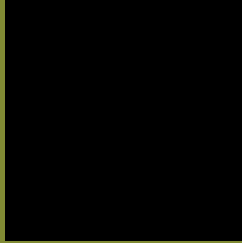
Any Text WCAG AA ✓ Pass

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 818B34 Background



This preview shows how black text looks on a background with the Hex color 818B34.




This preview shows how white text looks on a background with the Hex color 818B34.

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
8A828C

Trichromacy



Original Color
818B34

Protanomaly
8D8733

Deuteranomaly
988337

Tritanomaly
87856C

Monochromacy



Original Color
818B34

Achromatopsia
7E7E7E

Achromatomaly
7F8363

CSS Examples

Text

The CSS property to change the color of the text to Hex 818B34 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 #818B34 looks like.

```
.text, #text, p{  
    color:#818B34  
}
```

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 #818B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818B34
}
```

Border

The CSS property to change the border of an element to Hex 818B34 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
#818B34 }
```

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

```
.border{ border-color:#818B34 }
```

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

Here you see how a box with a 4 pixel #818B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818B34; -webkit-box-shadow:4px 4px  
4px 4px #818B34; box-shadow:4px 4px 4px  
4px #818B34 }
```

Background

The CSS property to change the background color of an element to Hex 818B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818B34 }
```

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

```
.background{ background-color:#818B34 }
```

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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