

Converting Colors

Hex(818F02)

Have a look what the booklet for
Hex(818F02) contains.

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Color

Hex(818F02)

Conversions

Conversions Part 1

Format	Color
Hex	818F02
RGB	129, 143, 2
RGB Percent	51%, 56%, 1%
CMY	0.4941, 0.4392, 0.9922
CMYK	0.10, 0.00, 0.99, 0.44
HSL	66°, 97%, 28%
HSV	66°, 99%, 56%
XYZ	18.8867, 24.3164, 3.7555
YIQ	122.7400, 36.9170, -46.8190

Conversions

Conversions Part 2

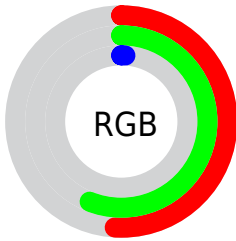
Format	Color
R_{YB}	2, 143, 16
Decimal	8490754
CIE _{Lab}	56.40, -20.31, 59.73
CIE _{LCh}	56, 63.089, 108.781
Yxy	24.3164, 0.4022, 0.5178
Android (android.graphics.Color)	4286680834 (0xFF818F02)
YUV	122.7400, -59.5248, 5.4900
Hunter-Lab	49.3117, -17.9289, 30.0027

Details

The Hex color **818F02** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10028F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9C546**, and **4B5D00** is the 20% darker color. If you saturate the color by 10%, you get **818F00**, and if you desaturate by 10%, it is **828F10**.

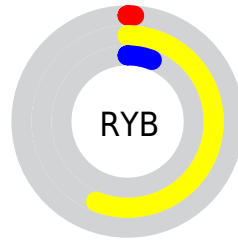
Distribution



Red (51%)

Green (56%)

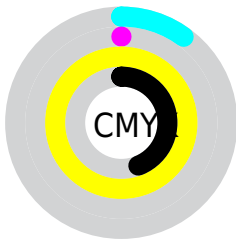
Blue (1%)



Red (1%)

Yellow (56%)

Blue (6%)

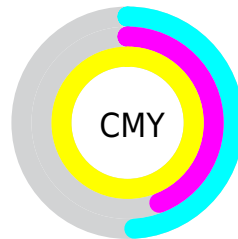


Cyan (10%)

Magenta (0%)

Yellow (99%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818F02 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 818F02 by changing the saturation by 10% instead.



818F02



818F02

FFFFFF



667500



B9C546



4B5D00



D6E161



314500



F4FD7D



172F00



FFFF98



001C00



FFFFB4



000000



FFFFD0



FFFFED



818F02



818F02

■ 818F00

■ 828F10

■ 848F1F

■ 858F2D

■ 878F3B

■ 888F4A

■ 8A8F58

■ 8B8F66

■ 8C8F74

■ 8E8F83

Harmonies

Analogous

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



B37D02



818F02



3B9A39

Triad

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



818F02



009DD9



DF529E

Complementary

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



818F02



10028F

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.



B468D0



818F02



0094F3

Square

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



818F02



00A1A9



5B81F0



E95267

Rectangle

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



818F02



009E5D



5B81F0



D558B0

Sweetspot

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



818F02



B5BA82



8F0E02



5B5E3C



DEDEDE



5E5E5E

Same Dimension

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



818F02



A8BA00



3D8F02



474740



7A8700



070800

Inverse Universe

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



10028F



1200BA



54028F



414047



0D0087



010008

Previews

White Background



This preview shows how the Hex color 818F02 looks on a white background.

Color Contrast Check

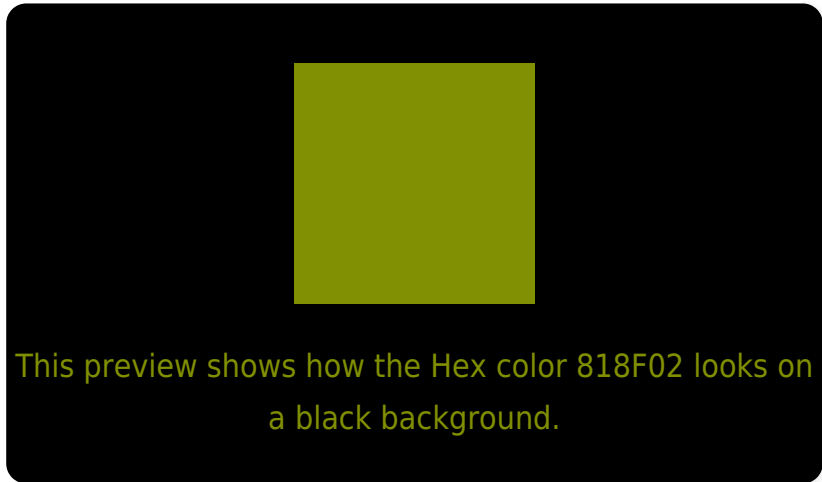
Large Text (above 18pt) WCAG AA ✓ Pass

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 818F02 Background



This preview shows how black text looks on a background with the Hex color 818F02.

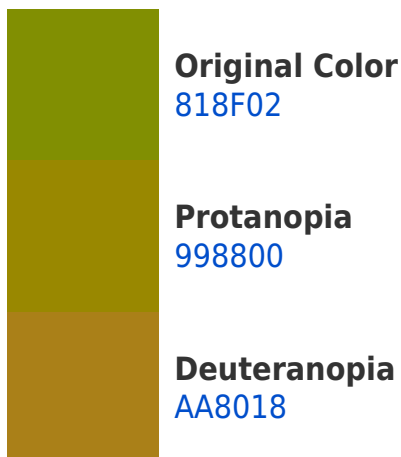



This preview shows how white text looks on a background with the Hex color 818F02.

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
8C858F

Trichromacy



Original Color
818F02

Protanomaly
908B01

Deuteranomaly
9B8510

Tritanomaly
88895C

Monochromacy



Original Color
818F02

Achromatopsia
7B7B7B

Achromatomaly
7D824F

CSS Examples

Text

The CSS property to change the color of the text to Hex 818F02 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 #818F02 looks like.

```
.text, #text, p{  
    color:#818F02  
}
```

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 #818F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818F02
}
```

Border

The CSS property to change the border of an element to Hex 818F02 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
#818F02 }
```

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

```
.border{ border-color:#818F02 }
```

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

Here you see how a box with a 4 pixel #818F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818F02; -webkit-box-shadow:4px 4px  
4px 4px #818F02; box-shadow:4px 4px 4px  
4px #818F02 }
```

Background

The CSS property to change the background color of an element to Hex 818F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818F02 }
```

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

```
.background{ background-color:#818F02 }
```

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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