

Converting Colors

Hex(818476)

Have a look what the booklet for
Hex(818476) contains.

Hex(818476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(818476)

Conversions

Conversions Part 1

Format	Color
Hex	818476
RGB	129, 132, 118
RGB Percent	51%, 52%, 46%
CMY	0.4941, 0.4824, 0.5373
CMYK	0.02, 0.00, 0.11, 0.48
HSL	73°, 6%, 49%
HSV	73°, 11%, 52%
XYZ	20.5745, 22.4777, 20.3938
YIQ	129.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

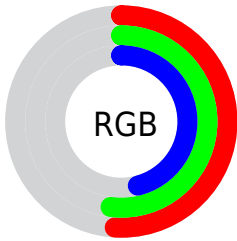
Format	Color
R_{YB}	118, 132, 121
Decimal	8488054
CIE Lab	54.53, -3.79, 7.17
CIE LCh	55, 8.114, 117.871
Yxy	22.4777, 0.3243, 0.3543
Android (android.graphics.Color)	4286678134 (0xFF818476)
YUV	129.5070, -5.6730, -0.4446
Hunter-Lab	47.4106, -5.5058, 7.6837

Details

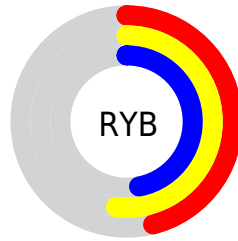
The Hex color **818476** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **797684**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B6B9AA**, and **505346** is the 20% darker color. If you saturate the color by 10%, you get **7E8469**, and if you desaturate by 10%, it is **848483**.

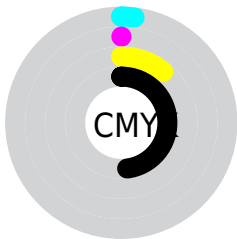
Distribution



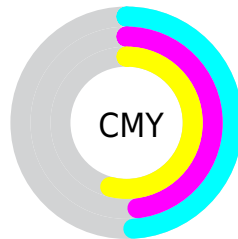
- Red (51%)
- Green (52%)
- Blue (46%)



- Red (46%)
- Yellow (52%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818476 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 818476 by changing the saturation by 10% instead.



818476



818476

FFFFFF



686B5D



B6B9AA



505346



D1D5C5



393C2F



EEF1E1



23261B

FFFFFFE



0E1100



000000



818476



818476



7E8469



848483



7B845C



878490

 79844E

 89849E

 768441

 8C84AB

 738434

 8F84B8

 708427

 9284C5

 6D841A

 9584D2

 6A840C

 9884E0

 688400

 9A84ED

Harmonies

Analogous

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



898275



818476



79867B

Triad

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



818476



74858E



907E83

Complementary

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



818476



797684

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.



8B7F8A



818476



7B8390

Square

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



818476



718689



83818F



927E7C

Rectangle

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



818476



75867F



83818F



8F7E86

Sweetspot

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



818476



AAABA6



847976



565753



D6D6D6



575757

Same Dimension

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



818476



A6AB95



7A8476



41423C



668200



020300

Inverse Universe

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



797684



9995AB



807684



3D3C42



1C0082



010003

Previews

White Background



This preview shows how the Hex color 818476 looks on a white background.

Color Contrast Check

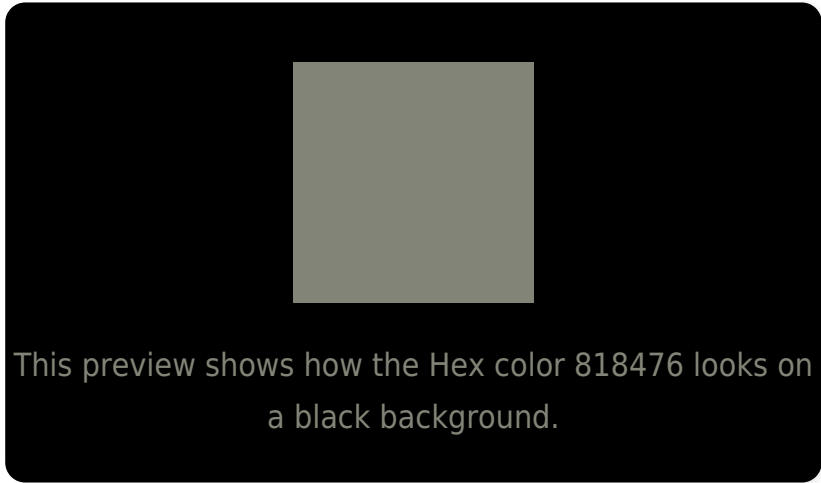
Large Text (above 18pt) WCAG AA ✓ Pass

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

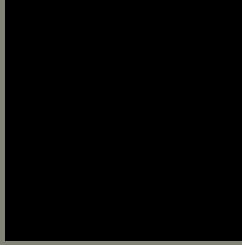
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

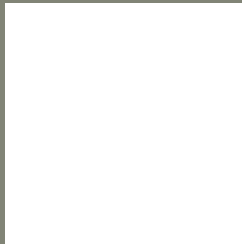
Any Text WCAG AAA × Fail

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

Hex 818476 Background



This preview shows how black text looks on a background with the Hex color 818476.



This preview shows how white text looks on a background with the Hex color 818476.

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

818476

Protanopia

888275

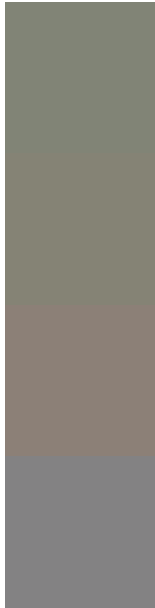
Deuteranopia

937E77



Tritanopia
84818B

Trichromacy



Original Color
818476

Protanomaly
858375

Deuteranomaly
8C8077

Tritanomaly
838283

Monochromacy



Original Color
818476

Achromatopsia
828282

Achromatomaly
82837E

CSS Examples

Text

The CSS property to change the color of the text to Hex 818476 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 #818476 looks like.

```
.text, #text, p{  
    color:#818476  
}
```

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 #818476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818476
}
```

Border

The CSS property to change the border of an element to Hex 818476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

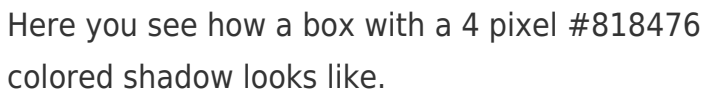
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#818476 }
```

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

```
.border{ border-color:#818476 }
```

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



Here you see how a box with a 4 pixel #818476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818476; -webkit-box-shadow:4px 4px  
4px 4px #818476; box-shadow:4px 4px 4px  
4px #818476 }
```

Background

The CSS property to change the background color of an element to Hex 818476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818476 }
```

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

```
.background{ background-color:#818476 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor