

Converting Colors

Hex(818777)

Have a look what the booklet for
Hex(818777) contains.

Hex(818777)	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(818777)

Conversions

Conversions Part 1

Format	Color
Hex	818777
RGB	129, 135, 119
RGB Percent	51%, 53%, 47%
CMY	0.4941, 0.4706, 0.5333
CMYK	0.04, 0.00, 0.12, 0.47
HSL	83°, 6%, 50%
HSV	83°, 12%, 53%
XYZ	21.0470, 23.3270, 20.8460
YIQ	131.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

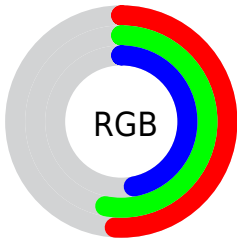
Format	Color
R_{YB}	119, 135, 125
Decimal	8488823
CIE _{Lab}	55.41, -5.29, 7.85
CIE _{LCh}	55, 9.465, 124.011
Yxy	23.3270, 0.3227, 0.3577
Android (android.graphics.Color)	4286678903 (0xFF818777)
YUV	131.3820, -6.1043, -2.0890
Hunter-Lab	48.2980, -6.7359, 8.2183

Details

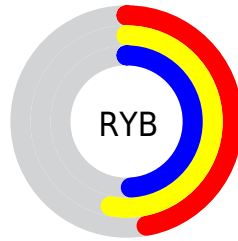
The Hex color **818777** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7D7787**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B6BCAB**, and **505547** is the 20% darker color. If you saturate the color by 10%, you get **7C876A**, and if you desaturate by 10%, it is **868785**.

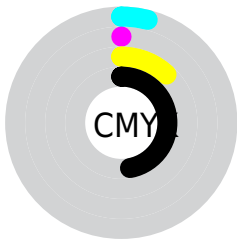
Distribution



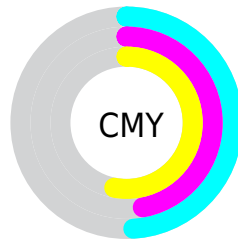
- Red (51%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (49%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818777 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 818777 by changing the saturation by 10% instead.



818777



818777

FFFFFF



686E5E



B6BCAB



505547



D1D8C6



393E30



EEF4E2



23281B



0E1400



000000



818777



818777



7C876A



868785



77875C



8B8792

72874F

9087A0

6D8741

9587AD

688734

9A87BB

638726

9F87C8

5E8719

A487D6

58870B

AA87E3

548700

AF87F1

Harmonies

Analogous

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



8A8474



818777



78897D

Triad

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



818777



758793



967F84

Complementary

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



818777



7D7787

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.



91808C



818777



7D8595

Square

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



818777



70898E



888292



96807C

Rectangle

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



818777



738983



888292



947F87

Sweetspot

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



818777



ADB0A9



877D77



585955



D9D9D9



595959

Same Dimension

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



818777



A7B097



798777



40423C



518200



020300

Inverse Universe

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



7D7787



A197B0



857787



3E3C42



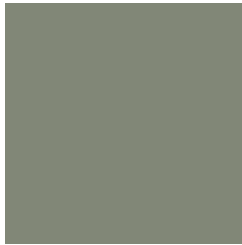
310082



010003

Previews

White Background



This preview shows how the Hex color 818777 looks on a white background.

Color Contrast Check

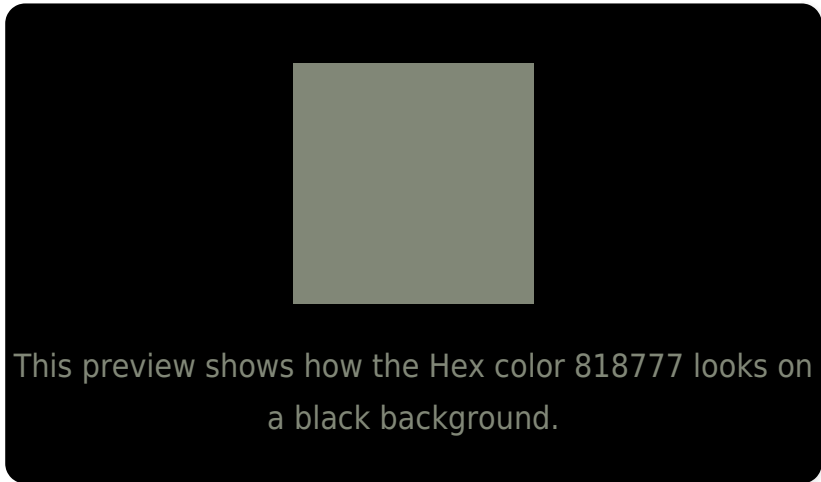
Large Text (above 18pt) WCAG AA ✓ Pass

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

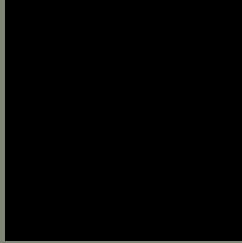
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

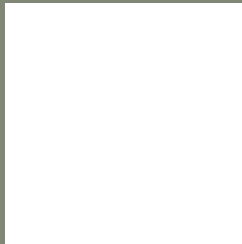
Any Text WCAG AAA × Fail

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

Hex 818777 Background



This preview shows how black text looks on a background with the Hex color 818777.



This preview shows how white text looks on a background with the Hex color 818777.

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
818777

Protanopia
8A8476

Deuteranopia
968078



Tritanopia
84848E

Trichromacy



Original Color
818777

Protanomaly
878576

Deuteranomaly
8E8378

Tritanomaly
838586

Monochromacy



Original Color
818777

Achromatopsia
838383

Achromatomaly
82847F

CSS Examples

Text

The CSS property to change the color of the text to Hex 818777 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 #818777 looks like.

```
.text, #text, p{  
    color:#818777  
}
```

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 #818777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818777  
}
```

Border

The CSS property to change the border of an element to Hex 818777 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  
#818777 }
```

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

```
.border{ border-color:#818777 }
```

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

Here you see how a box with a 4 pixel #818777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818777; -webkit-box-shadow:4px 4px  
4px 4px #818777; box-shadow:4px 4px 4px  
4px #818777 }
```

Background

The CSS property to change the background color of an element to Hex 818777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818777 }
```

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

```
.background{ background-color:#818777 }
```

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