

Converting Colors

Hex(817B81)

Have a look what the booklet for
Hex(817B81) contains.

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Color

Hex(817B81)

Conversions

Conversions Part 1

Format	Color
Hex	817B81
RGB	129, 123, 129
RGB Percent	51%, 48%, 51%
CMY	0.4941, 0.5176, 0.4941
CMYK	0.00, 0.05, 0.00, 0.49
HSL	300°, 2%, 49%
HSV	300°, 5%, 51%
XYZ	20.0987, 20.4180, 23.6506
YIQ	125.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

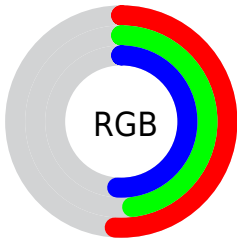
Format	Color
R_{YB}	129, 123, 129
Decimal	8485761
CIE _{Lab}	52.31, 3.46, -2.45
CIE _{LCh}	52, 4.241, 324.642
Yxy	20.4180, 0.3132, 0.3182
Android (android.graphics.Color)	4286675841 (0xFF817B81)
YUV	125.4780, 1.7363, 3.0888
Hunter-Lab	45.1863, 0.3200, 0.5979

Details

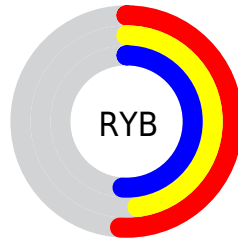
The Hex color **817B81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B817B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B6AFB6**, and **504A50** is the 20% darker color. If you saturate the color by 10%, you get **816E81**, and if you desaturate by 10%, it is **818881**.

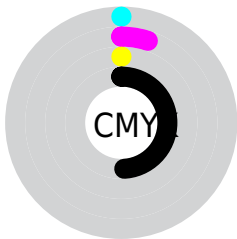
Distribution



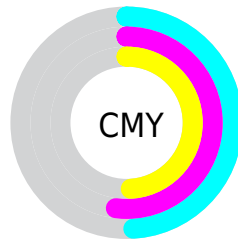
- Red (51%)
- Green (48%)
- Blue (51%)



- Red (51%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 817B81 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 817B81 by changing the saturation by 10% instead.

■ 817B81

■ 817B81

FFFFFF

■ 686268

■ B6AFB6

■ 504A50

■ D1CBD1

■ 393439

■ EEE7EE

■ 231F24

■ 0E060E

■ 000000

■ 817B81

■ 817B81

■ 816E81

■ 818881

■ 816181

■ 819581

815481

81A281

814781

81AF81

813B81

81BC81

812E81

81C881

812181

81D581

811481

81E281

810781

81EF81

Harmonies

Analogous

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



7D7C83



817B81



847A7E

Triad

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



817B81



817C76



747F80

Complementary

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



817B81



7B817B

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.



757F7C



817B81



7D7D76

Square

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



817B81



847B77



787E78



757E83

Rectangle

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



817B81



857A7B



787E78



747F7E

Sweetspot

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



817B81



A8A7A8



7B7B81



545354



D4D4D4



545454

Same Dimension

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



817B81



A89EA8



817B7E



403B40



800080



000000

Inverse Universe

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



817B81



A89EA8



7B817E



403B40



800080



000000

Previews

White Background



This preview shows how the Hex color 817B81 looks on a white background.

Color Contrast Check

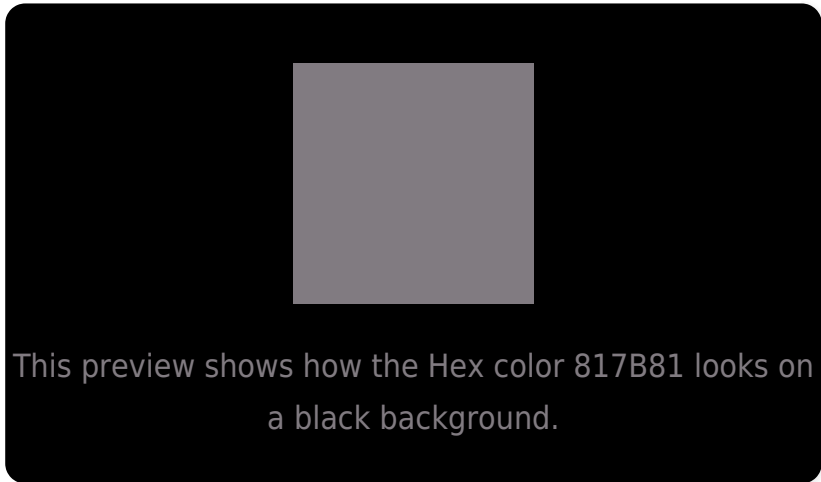
Large Text (above 18pt) WCAG AA ✓ Pass

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

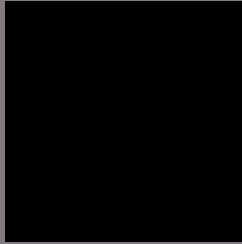
Any Text WCAG AA ✓ Pass

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 817B81 Background



This preview shows how black text looks on a background with the Hex color 817B81.



This preview shows how white text looks on a background with the Hex color 817B81.

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
817B81

Protanopia
7E7C82

Deuteranopia
877981



Tritanopia
817A84

Trichromacy



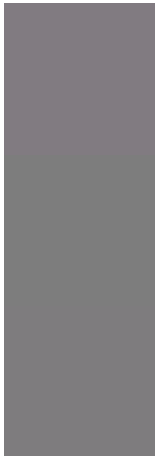
Original Color
817B81

Protanomaly
7F7C82

Deuteranomaly
857A81

Tritanomaly
817A83

Monochromacy



Original Color
817B81

Achromatopsia
7D7D7D

Achromatomaly
7E7C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 817B81 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 #817B81 looks like.

```
.text, #text, p{  
    color:#817B81  
}
```

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 #817B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817B81
}
```

Border

The CSS property to change the border of an element to Hex 817B81 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
#817B81 }
```

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

```
.border{ border-color:#817B81 }
```

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

Here you see how a box with a 4 pixel #817B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817B81; -webkit-box-shadow:4px 4px  
4px 4px #817B81; box-shadow:4px 4px 4px  
4px #817B81 }
```

Background

The CSS property to change the background color of an element to Hex 817B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817B81 }
```

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

```
.background{ background-color:#817B81 }
```

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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