

Converting Colors

Hex(3B817A)

Have a look what the booklet for
Hex(3B817A) contains.

Hex(3B817A)	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(3B817A)

Conversions

Conversions Part 1

Format	Color
Hex	3B817A
RGB	59, 129, 122
RGB Percent	23%, 51%, 48%
CMY	0.7686, 0.4941, 0.5216
CMYK	0.54, 0.00, 0.05, 0.49
HSL	174°, 37%, 37%
HSV	174°, 54%, 51%
XYZ	13.1667, 18.0355, 21.1996
YIQ	107.2720, -39.4730, -17.0170

Conversions

Conversions Part 2

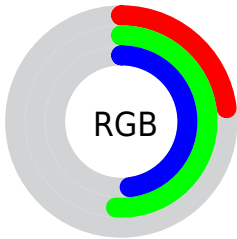
Format	Color
RYB	59, 96, 129
Decimal	3899770
CIELab	49.54, -23.78, -2.92
CIELCh	50, 23.963, 186.999
Yxy	18.0355, 0.2513, 0.3442
Android (android.graphics.Color)	4282089850 (0xFF3B817A)
YUV	107.2720, 7.2609, -42.3345
Hunter-Lab	42.4682, -18.9776, 0.1309

Details

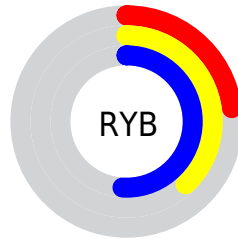
The Hex color **3B817A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **813B42**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **71B6AE**, and **004F49** is the 20% darker color. If you saturate the color by 10%, you get **2E8179**, and if you desaturate by 10%, it is **48817B**.

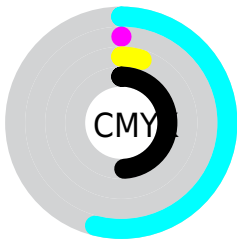
Distribution



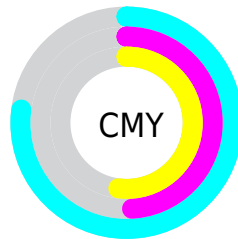
- Red (23%)
- Green (51%)
- Blue (48%)



- Red (23%)
- Yellow (38%)
- Blue (51%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (77%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B817A 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 3B817A by changing the saturation by 10% instead.



3B817A



3B817A

FFFFFF



1E6861



71B6AE



004F49



8CD2CA



003833



A7EEE6



00231E



C3FFFF



000005



E0FFFF



000000

FDFFFF



3B817A



3B817A



2E8179



48817B

■ 218177

■ 55817D

■ 148176

■ 62817E

■ 078175

■ 6F817F

■ 008174

■ 7C8180

■ 888182

■ 958183

■ A28184

■ AF8186

Harmonies

Analogous

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



518065



3B817A



32808E

Triad

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



3B817A



7F6F96



916F51

Complementary

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



3B817A



813B42

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.



9C695E



3B817A



946986

Square

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



3B817A



62769E



9E6672



7F764D

Rectangle

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



3B817A



3C7E97



9E6672



966D54

Sweetspot

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



3B817A



8DA8A6



42813B



445453



D4D4D4



545454

Same Dimension

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



3B817A



3BA89D



3B6581



39403F



008073



000000

Inverse Universe

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



813B42



A83B46



81573B



40393A



80000D



000000

Previews

White Background



This preview shows how the Hex color 3B817A looks on a white background.

Color Contrast Check

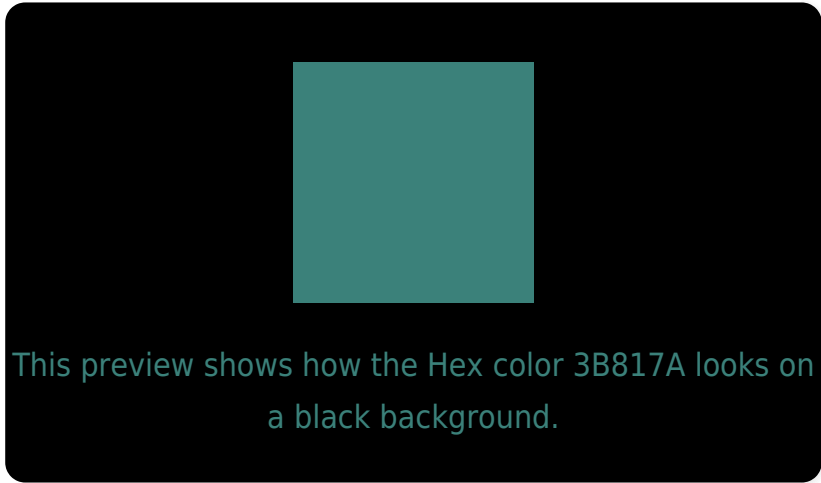
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

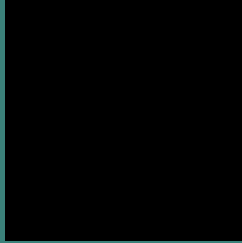
Any Text WCAG AA ✓ Pass

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 3B817A Background



This preview shows how black text looks on a background with the Hex color 3B817A.



This preview shows how white text looks on a background with the Hex color 3B817A.

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
3B817A

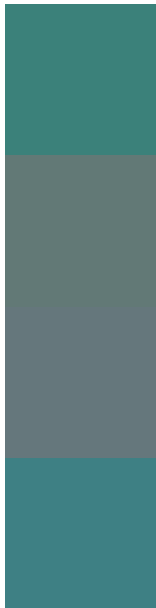
Protanopia
787573

Deuteranopia
7D727D



Tritanopia
407F89

Trichromacy



Original Color
3B817A

Protanomaly
627976

Deuteranomaly
65777C

Tritanomaly
3E8084

Monochromacy



Original Color
3B817A

Achromatopsia
6B6B6B

Achromatomaly
5A7370

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B817A 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 #3B817A looks like.

```
.text, #text, p{  
    color:#3B817A  
}
```

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 #3B817A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B817A
}
```

Border

The CSS property to change the border of an element to Hex 3B817A 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
#3B817A }
```

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

```
.border{ border-color:#3B817A }
```

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

Here you see how a box with a 4 pixel #3B817A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B817A; -webkit-box-shadow:4px 4px  
4px 4px #3B817A; box-shadow:4px 4px 4px  
4px #3B817A }
```

Background

The CSS property to change the background color of an element to Hex 3B817A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B817A }
```

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

```
.background{ background-color:#3B817A }
```

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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