

# Converting Colors

Hex(7B947A)

Have a look what the booklet for  
Hex(7B947A) contains.

<b>Hex(7B947A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7B947A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B947A
RGB	123, 148, 122
RGB Percent	48%, 58%, 48%
CMY	0.5176, 0.4196, 0.5216
CMYK	0.17, 0.00, 0.18, 0.42
HSL	118°, 11%, 53%
HSV	118°, 18%, 58%
XYZ	22.2711, 26.7959, 22.4107
YIQ	137.5610, -6.5540, -13.3860

# Conversions

## Conversions Part 2

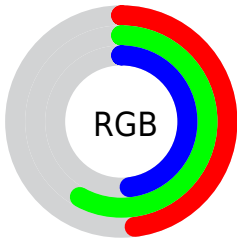
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 148, 147
Decimal	8098938
CIE <sub>Lab</sub>	58.78, -14.10, 10.85
CIE <sub>LCh</sub>	59, 17.792, 142.406
Yxy	26.7959, 0.3116, 0.3749
Android (android.graphics.Color)	4286289018 (0xFF7B947A)
YUV	137.5610, -7.6716, -12.7700
Hunter-Lab	51.7648, -13.7910, 10.5667

# Details

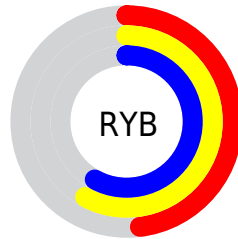
The Hex color **7B947A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **937A94**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B0CAAE**, and **4A6149** is the 20% darker color. If you saturate the color by 10%, you get **6D946B**, and if you desaturate by 10%, it is **899489**.

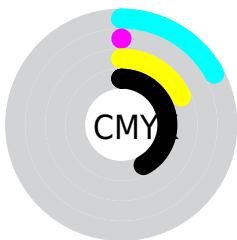
# Distribution



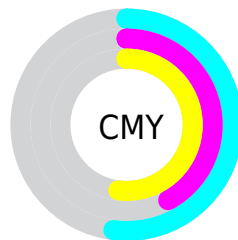
- Red (48%)
- Green (58%)
- Blue (48%)



- Red (48%)
- Yellow (58%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B947A 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 7B947A by changing the saturation by 10% instead.





7B947A



7B947A

FFFFFF



627A61



B0CAAE



4A6149



CBE6CA



334933



E7FFE6



1D331D



081E05



000000



7B947A



7B947A



6D946B



899489



5F945C



979498

 50944E

 A694A6

 42943F

 B494B5

 349430

 C294C4

 269421

 D094D3

 179412

 DF94E2

 099404

 ED94F0

 069400

 FB94FF

# Harmonies

## Analogous

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



8D9070



7B947A



6B9689

# Triad

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



7B947A



7690AC



AE8382

# Complementary

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



7B947A



937A94

# 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.



AA8392



7B947A



8B8BAA

# Square

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



7B947A



6694A6



9E86A1



A98675

# Rectangle

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



7B947A



649694



9E86A1



AE8287



# Sweetspot

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



7B947A



B6BFB6



94937A



5B615B



E0E0E0



616161



# Same Dimension

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



7B947A



99BF97



7A9486



434A43



058A00



000A00



# Inverse Universe

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



937A94



BE97BF



947A88



4A434A



84008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 7B947A looks on a white background.

## Color Contrast Check

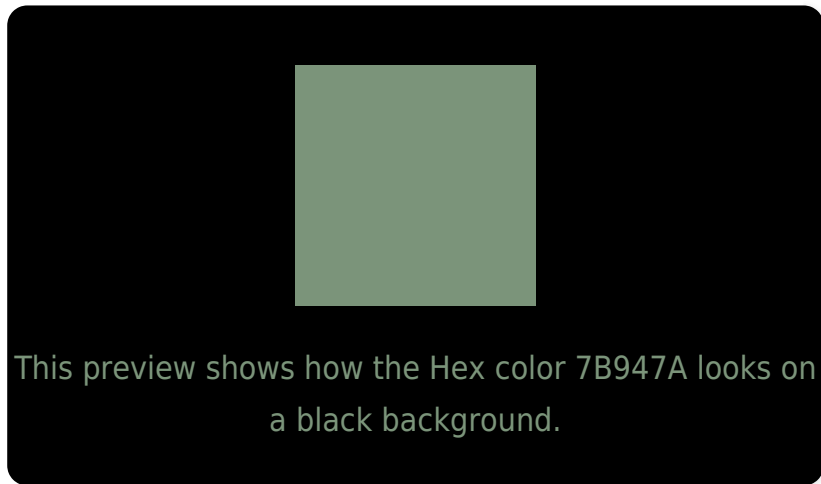
Large Text (above 18pt) WCAG AA ✓ Pass

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

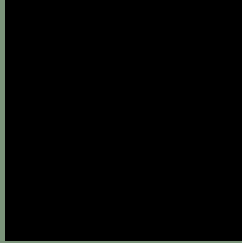
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B947A Background



This preview shows how black text looks on a background with the Hex color 7B947A.



This preview shows how white text looks on a background with the Hex color 7B947A.

# 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**  
808F9B

# Trichromacy



**Original Color**  
7B947A

**Protanomaly**  
8C9077

**Deuteranomaly**  
938C7B

**Tritanomaly**  
7E918F

# Monochromacy



**Original Color**  
7B947A

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
858E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B947A 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 #7B947A looks like.

```
.text, #text, p{  
    color:#7B947A  
}
```

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 #7B947A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B947A
}
```

## Border

The CSS property to change the border of an element to Hex 7B947A 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
#7B947A }
```

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

```
.border{ border-color:#7B947A }
```

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

Here you see how a box with a 4 pixel #7B947A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B947A; -webkit-box-shadow:4px 4px  
4px 4px #7B947A; box-shadow:4px 4px 4px  
4px #7B947A }
```

# Background

The CSS property to change the background color of an element to Hex 7B947A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B947A }
```

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

```
.background{ background-color:#7B947A }
```

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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