

# Converting Colors

Hex(848A78)

Have a look what the booklet for  
Hex(848A78) contains.

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# Color

**Hex(848A78)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 848A78                    |
| RGB           | 132, 138, 120             |
| RGB Percent   | 52%, 54%, 47%             |
| CMY           | 0.4824, 0.4588, 0.5294    |
| CMYK          | 0.04, 0.00, 0.13, 0.46    |
| HSL           | 80°, 7%, 51%              |
| HSV           | 80°, 13%, 54%             |
| XYZ           | 21.9944, 24.4386, 21.3272 |
| YIQ           | 134.1540, 2.2020, -6.8700 |

# Conversions

## Conversions Part 2

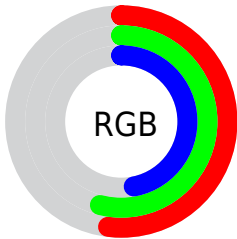
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 120, 138, 126                 |
| Decimal                             | 8686200                       |
| CIELab                              | 56.52, -5.64, 8.89            |
| CIELCh                              | 57, 10.527, 122.368           |
| Yxy                                 | 24.4386, 0.3246,<br>0.3607    |
| Android<br>(android.graphics.Color) | 4286876280<br>(0xFF848A78)    |
| YUV                                 | 134.1540, -6.9779,<br>-1.8891 |
| Hunter-Lab                          | 49.4354, -7.0952,<br>9.0261   |

# Details

The Hex color **848A78** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E788A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B9BFAC**, and **535848** is the 20% darker color. If you saturate the color by 10%, you get **7F8A6A**, and if you desaturate by 10%, it is **898A86**.

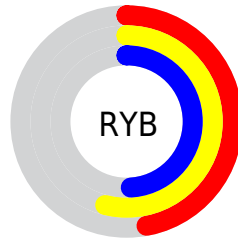
# Distribution



Red (52%)

Green (54%)

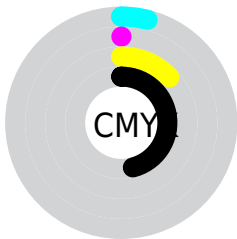
Blue (47%)



Red (47%)

Yellow (54%)

Blue (49%)

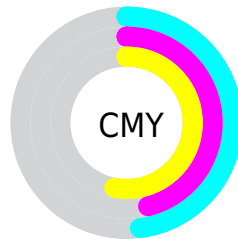


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (46%)



Cyan (48%)

Magenta (46%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848A78 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 848A78 by changing the saturation by 10% instead.





848A78



848A78

FFFFFF



6B715F



B9BFAC



535848



D5DBC8



3B4131



F1F8E4



262B1C



121702



000000



848A78



848A78



7F8A6A



898A86



7B8A5C



8D8A94

768A4F

928AA1

728A41

968AAF

6D8A33

9B8ABD

688A25

A08ACB

648A17

A48AD9

5F8A0A

A98AE6

5C8A00

AD8AF4

# Harmonies

## Analogous

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



8E8775



848A78



7A8C7F

# Triad

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



848A78



758B97



9A8187

# Complementary

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



848A78



7E788A

# 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.



948290



848A78



7F889A

# Square

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



848A78



708D91



8A8597



9B827E

# Rectangle

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



848A78



748D85



8A8597



99828A



# Sweetspot

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



848A78



B0B3AB



8A7E78



585955



D9D9D9



595959



# Same Dimension

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



848A78



A9B396



7B8A78



43453E



588500



030500



# Inverse Universe

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



7E788A



9F96B3



87788A



403E45



2C0085

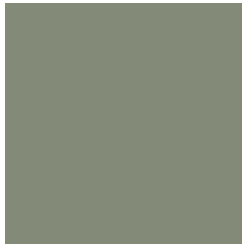


020005



# Previews

## White Background



This preview shows how the Hex color 848A78 looks on a white background.

## Color Contrast Check

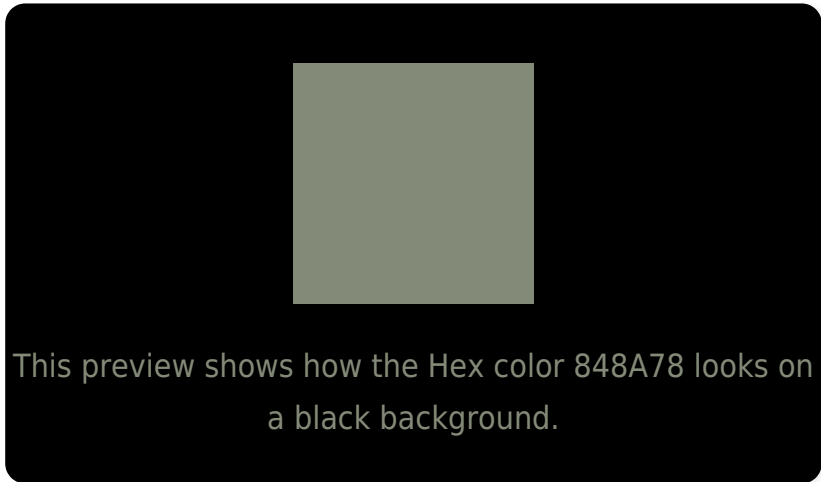
Large Text (above 18pt) WCAG AA ✓ Pass

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

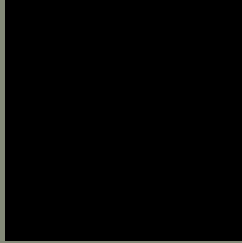
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

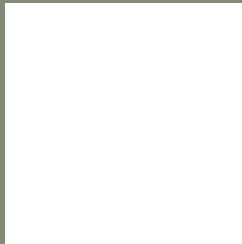
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848A78 Background



This preview shows how black text looks on a background with the Hex color 848A78.



This preview shows how white text looks on a background with the Hex color 848A78.

# 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**  
848A78

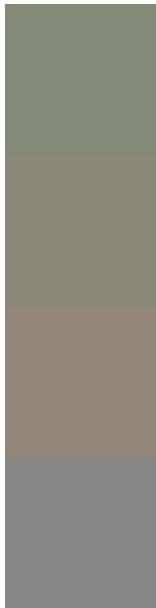
**Protanopia**  
8E8776

**Deuteranopia**  
9A8379



**Tritanopia**  
888691

# Trichromacy



**Original Color**  
848A78

**Protanomaly**  
8A8877

**Deuteranomaly**  
928679

**Tritanomaly**  
878788

# Monochromacy



**Original Color**  
848A78

**Achromatopsia**  
868686

**Achromatomaly**  
858781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848A78 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 #848A78 looks like.

```
.text, #text, p{  
    color:#848A78  
}
```

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 #848A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848A78
}
```

## Border

The CSS property to change the border of an element to Hex 848A78 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
#848A78 }
```

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

```
.border{ border-color:#848A78 }
```

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

Here you see how a box with a 4 pixel #848A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848A78; -webkit-box-shadow:4px 4px  
4px 4px #848A78; box-shadow:4px 4px 4px  
4px #848A78 }
```

# Background

The CSS property to change the background color of an element to Hex 848A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848A78 }
```

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

```
.background{ background-color:#848A78 }
```

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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