

# Converting Colors

Hex(8A988E)

Have a look what the booklet for  
Hex(8A988E) contains.

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# Color

Hex(8A988E)

# Conversions

## Conversions Part 1

Format	Color
Hex	8A988E
RGB	138, 152, 142
RGB Percent	54%, 60%, 56%
CMY	0.4588, 0.4039, 0.4431
CMYK	0.09, 0.00, 0.07, 0.40
HSL	137°, 6%, 57%
HSV	137°, 9%, 60%
XYZ	26.5920, 29.8127, 29.9441
YIQ	146.6740, -5.1340, -6.0780

# Conversions

## Conversions Part 2

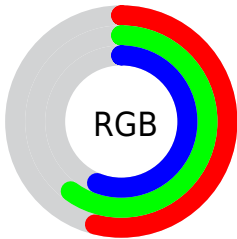
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 149, 152
Decimal	9083022
CIELab	61.49, -7.00, 3.55
CIELCh	61, 7.846, 153.128
Yxy	29.8127, 0.3080, 0.3453
Android (android.graphics.Color)	4287273102 (0xFF8A988E)
YUV	146.6740, -2.3043, -7.6071
Hunter-Lab	54.6010, -8.6183, 5.7052

# Details

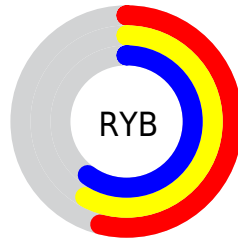
The Hex color **8A988E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **988A94**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BFCEC4**, and **58655C** is the 20% darker color. If you saturate the color by 10%, you get **7B9883**, and if you desaturate by 10%, it is **999899**.

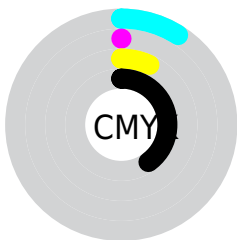
# Distribution



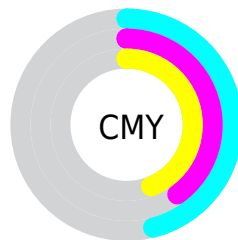
- Red (54%)
- Green (60%)
- Blue (56%)



- Red (54%)
- Yellow (58%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A988E 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 8A988E by changing the saturation by 10% instead.





8A988E



8A988E

FFFFFF



717E74



BFCEC4



58655C



DBEAE0



414D44



F8FFFC



2B362E



162119



000A00



000000



8A988E



8A988E



7B9883



999899

■ 6C9878

■ A898A4

■ 5C986D

■ B898AF

■ 4D9863

■ C798B9

■ 3E9858

■ D698C4

■ 2F984D

■ E598CF

■ 209842

■ F498DA

■ 109837

■ FF98E5

■ 01982C

■ FF98F0

# Harmonies

## Analogous

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



929689



8A988E



859995

# Triad

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



8A988E



8E95A2



A3908D

# Complementary

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



8A988E



988A94

# 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.



A39094



8A988E



9792A0

# Square

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



8A988E



8797A1



9E919B



A09288

# Rectangle

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



8A988E



83999A



9E919B



A4908F



# Sweetspot

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



8A988E



BEC4C0



94988A



5F6361



E3E3E3



636363



# Same Dimension

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



8A988E



AFC4B5



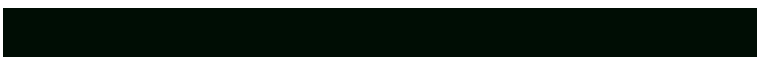
8A9895



454D47



008C28



000D04



# Inverse Universe

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



988A94



C4AFBE



988A8D



4D454A



8C0064

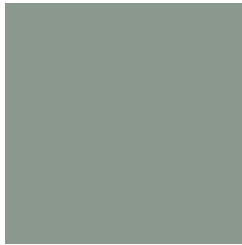


0D0009



# Previews

## White Background



This preview shows how the Hex color 8A988E looks on a white background.

## Color Contrast Check

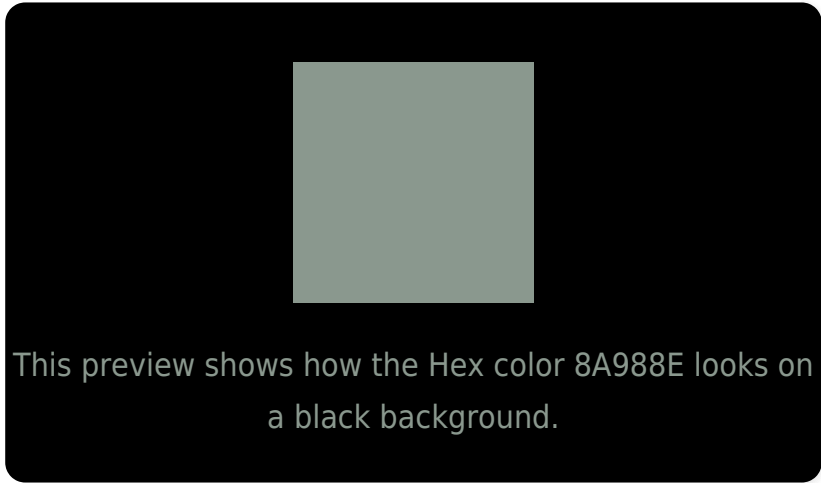
Large Text (above 18pt) WCAG AA ✓ Pass

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

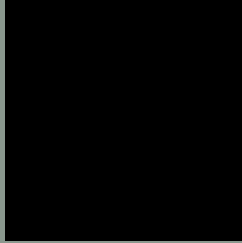
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

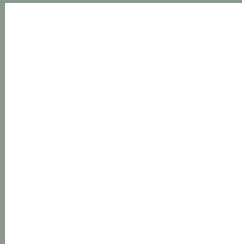
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A988E Background



This preview shows how black text looks on a background with the Hex color 8A988E.



This preview shows how white text looks on a background with the Hex color 8A988E.

# 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**  
8A988E

**Protanopia**  
99948C

**Deuteranopia**  
A48F90



**Tritanopia**  
8D95A1

# Trichromacy



**Original Color**  
8A988E

**Protanomaly**  
94958D

**Deuteranomaly**  
9B928F

**Tritanomaly**  
8C969A

# Monochromacy



**Original Color**  
8A988E

**Achromatopsia**  
939393

**Achromatomaly**  
909591

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A988E 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 #8A988E looks like.

```
.text, #text, p{  
    color:#8A988E  
}
```

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 #8A988E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A988E
}
```

## Border

The CSS property to change the border of an element to Hex 8A988E 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
#8A988E }
```

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

```
.border{ border-color:#8A988E }
```

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

Here you see how a box with a 4 pixel #8A988E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A988E; -webkit-box-shadow:4px 4px  
4px 4px #8A988E; box-shadow:4px 4px 4px  
4px #8A988E }
```

# Background

The CSS property to change the background color of an element to Hex 8A988E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A988E }
```

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

```
.background{ background-color:#8A988E }
```

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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