

# Converting Colors

Hex(8A8789)

Have a look what the booklet for  
Hex(8A8789) contains.

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# Color

**Hex(8A8789)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A8789
RGB	138, 135, 137
RGB Percent	54%, 53%, 54%
CMY	0.4588, 0.4706, 0.4627
CMYK	0.00, 0.02, 0.01, 0.46
HSL	320°, 1%, 54%
HSV	320°, 2%, 54%
XYZ	23.6606, 24.5374, 27.1560
YIQ	136.1250, 1.1460, 1.2580

# Conversions

## Conversions Part 2

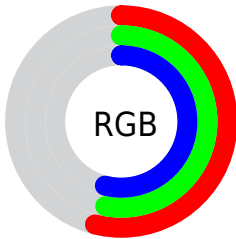
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 135, 137
Decimal	9078665
CIE Lab	56.62, 1.51, -0.68
CIE LCh	57, 1.654, 335.651
Yxy	24.5374, 0.3140, 0.3256
Android (android.graphics.Color)	4287268745 (0xFF8A8789)
YUV	136.1250, 0.4314, 1.6444
Hunter-Lab	49.5352, -1.4258, 2.1708

# Details

The Hex color **8A8789** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **878A88**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BFBCBE**, and **585557** is the 20% darker color. If you saturate the color by 10%, you get **8A7984**, and if you desaturate by 10%, it is **8A958E**.

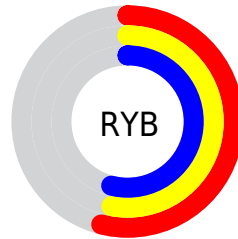
# Distribution



Red (54%)

Green (53%)

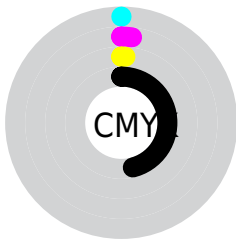
Blue (54%)



Red (54%)

Yellow (53%)

Blue (54%)

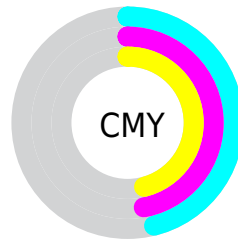


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (46%)



Cyan (46%)

Magenta (47%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8789 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 8A8789 by changing the saturation by 10% instead.





8A8789



8A8789

FFFFFF



716E70



BFBCBE



585557



DBD8DA



413E40



F8F4F7



2B282A



161416



000000



8A8789



8A8789



8A7984



8A958E



8A6B80



8AA392

8A5E7B

8AB097

8A5077

8ABE9B

8A4272

8ACCA0

8A346D

8ADAA5

8A2669

8AE8A9

8A1964

8AF5AE

8A0B60

8AFFB2

# Harmonies

## Analogous

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



88878A



8A8789



8B8788

# Triad

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



8A8789



898885



848989

# Complementary

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



8A8789



878A88

# 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.



858988



8A8789



878885

# Square

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



8A8789



8A8785



868987



85888A

# Rectangle

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



8A8789



8B8787



868987



848989



# Sweetspot

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



8A8789



B3B1B2



88878A



595859



D9D9D9



595959



# Same Dimension

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



8A8789



B3ADB1



8A8788



454244



850058



050003



# Inverse Universe

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



8A8789



B3ADB1



878A8A



454244



850058



050003



# Previews

## White Background



This preview shows how the Hex color 8A8789 looks on a white background.

## Color Contrast Check

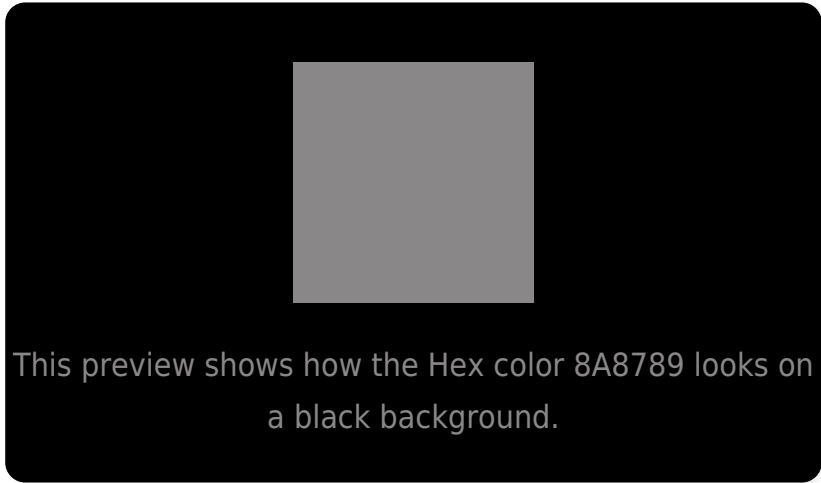
Large Text (above 18pt) WCAG AA ✓ Pass

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

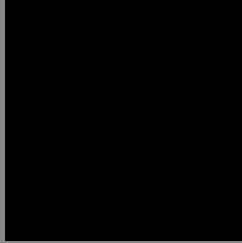
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

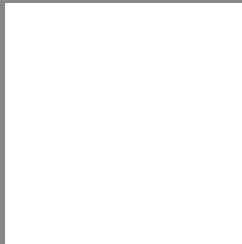
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A8789 Background



This preview shows how black text looks on a background with the Hex color 8A8789.



This preview shows how white text looks on a background with the Hex color 8A8789.

# 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**

8A8789

**Protanopia**

8A8789

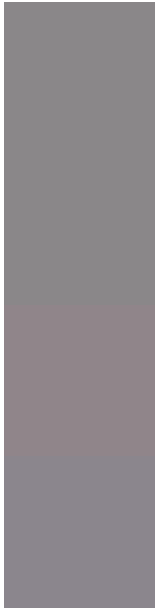
**Deuteranopia**

94848A



**Tritanopia**  
8B8690

# Trichromacy



**Original Color**

8A8789

**Protanomaly**

8A8789

**Deuteranomaly**

90858A

**Tritanomaly**

8B868D

# Monochromacy



**Original Color**

8A8789

**Achromatopsia**

888888

**Achromatomaly**

898888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8789 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 #8A8789 looks like.

```
.text, #text, p{  
    color:#8A8789  
}
```

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 #8A8789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8789
}
```

## Border

The CSS property to change the border of an element to Hex 8A8789 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
#8A8789 }
```

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

```
.border{ border-color:#8A8789 }
```

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

Here you see how a box with a 4 pixel #8A8789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8789; -webkit-box-shadow:4px 4px  
4px 4px #8A8789; box-shadow:4px 4px 4px  
4px #8A8789 }
```

# Background

The CSS property to change the background color of an element to Hex 8A8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8789 }
```

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

```
.background{ background-color:#8A8789 }
```

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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