

# Converting Colors

Hex(8E8585)

Have a look what the booklet for  
Hex(8E8585) contains.

<b>Hex(8E8585)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8E8585)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E8585
RGB	142, 133, 133
RGB Percent	56%, 52%, 52%
CMY	0.4431, 0.4784, 0.4784
CMYK	0.00, 0.06, 0.06, 0.44
HSL	0°, 4%, 54%
HSV	0°, 6%, 56%
XYZ	23.7765, 24.2193, 25.6119
YIQ	135.6910, 5.3640, 1.9080

# Conversions

## Conversions Part 2

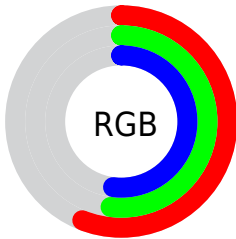
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 133, 133
Decimal	9340293
CIE Lab	56.31, 3.38, 1.21
CIE LCh	56, 3.588, 19.664
Yxy	24.2193, 0.3230, 0.3290
Android (android.graphics.Color)	4287530373 (0xFF8E8585)
YUV	135.6910, -1.3267, 5.5330
Hunter-Lab	49.2131, 0.1164, 3.5929

# Details

The Hex color **8E8585** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **858E8E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C4BABA**, and **5C5454** is the 20% darker color. If you saturate the color by 10%, you get **8E7777**, and if you desaturate by 10%, it is **8E9393**.

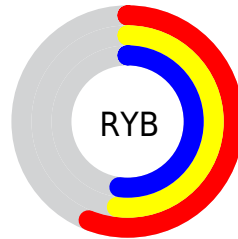
# Distribution



Red (56%)

Green (52%)

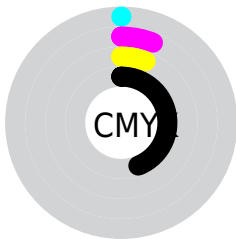
Blue (52%)



Red (56%)

Yellow (52%)

Blue (52%)

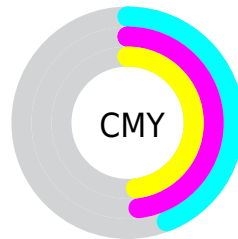


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (44%)



Cyan (44%)

Magenta (48%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8585 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 8E8585 by changing the saturation by 10% instead.





8E8585



8E8585

FFFFFF



746C6C



C4BABA



5C5454



E0D6D6



443C3D



FCF2F2



2E2727



1A1212



000000



8E8585



8E8585



8E7777



8E9393



8E6969



8EA1A1

 8E5A5A

 8EB0B0

 8E4C4C

 8EBEBE

 8E3E3E

 8ECCCC

 8E3030

 8EDADA

 8E2222

 8EE8E8

 8E1313

 8EF7F7

 8E0505

 8EFFFF

# Harmonies

## Analogous

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



8D8588



8E8585



8D8682

# Triad

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



8E8585



848883



83888D

# Complementary

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



8E8585



858E8E

# 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.



80888C



8E8585



818986

# Square

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



8E8585



878781



808989



86878D

# Rectangle

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



8E8585



8C8681



808989



82888D



# Sweetspot

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



8E8585



B8B4B4



8E858E



5C5A5A



DBDBDB



5C5C5C



# Same Dimension

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



8E8585



B8A9A9



8E8A85



474040



870000



080000



# Inverse Universe

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



858E8E



A9B8B8



858A8E



404747



008787



000808



# Previews

## White Background



This preview shows how the Hex color 8E8585 looks on a white background.

## Color Contrast Check

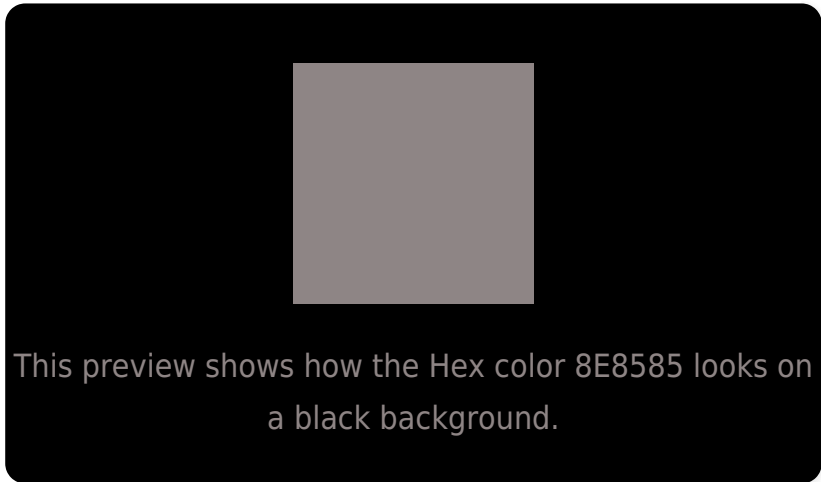
Large Text (above 18pt) WCAG AA ✓ Pass

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

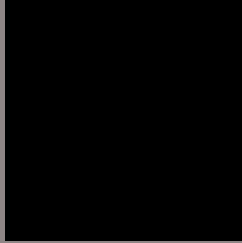
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E8585 Background



This preview shows how black text looks on a background with the Hex color 8E8585.



This preview shows how white text looks on a background with the Hex color 8E8585.

# 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**  
8E8585

**Protanopia**  
8A8686

**Deuteranopia**  
958385



**Tritanopia**  
8F848E

# Trichromacy



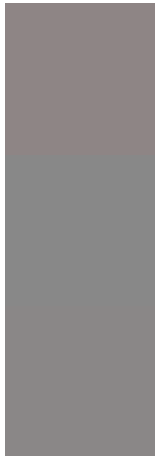
**Original Color**  
8E8585

**Protanomaly**  
8B8686

**Deuteranomaly**  
928485

**Tritanomaly**  
8F848B

# Monochromacy



**Original Color**  
8E8585

**Achromatopsia**  
888888

**Achromatomaly**  
8A8787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8585 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 #8E8585 looks like.

```
.text, #text, p{  
    color:#8E8585  
}
```

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 #8E8585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8585
}
```

## Border

The CSS property to change the border of an element to Hex 8E8585 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".

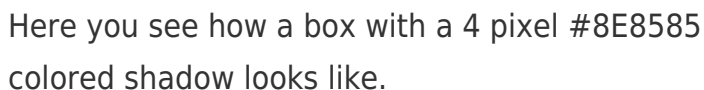
```
.border, #border, table{ border:4px solid
#8E8585 }
```

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

```
.border{ border-color:#8E8585 }
```

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

Here you see how a box with a 4 pixel #8E8585 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8585; -webkit-box-shadow:4px 4px  
4px 4px #8E8585; box-shadow:4px 4px 4px  
4px #8E8585 }
```

# Background

The CSS property to change the background color of an element to Hex 8E8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8585 }
```

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

```
.background{ background-color:#8E8585 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor