

# Converting Colors

Hex(8D8D93)

Have a look what the booklet for  
Hex(8D8D93) contains.

<b>Hex(8D8D93)</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(8D8D93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D8D93
RGB	141, 141, 147
RGB Percent	55%, 55%, 58%
CMY	0.4471, 0.4471, 0.4235
CMYK	0.04, 0.04, 0.00, 0.42
HSL	240°, 3%, 56%
HSV	240°, 4%, 58%
XYZ	25.7758, 26.8191, 31.4218
YIQ	141.6840, -1.9260, 1.8660

# Conversions

## Conversions Part 2

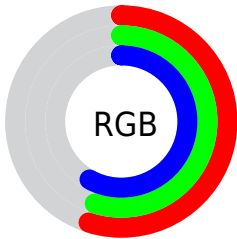
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 141, 147
Decimal	9276819
CIE Lab	58.81, 1.20, -3.19
CIE LCh	59, 3.407, 290.583
Yxy	26.8191, 0.3068, 0.3192
Android (android.graphics.Color)	4287466899 (0xFF8D8D93)
YUV	141.6840, 2.6208, -0.5999
Hunter-Lab	51.7871, -1.7832, 0.2768

# Details

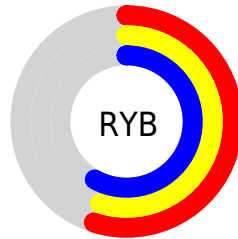
The Hex color **8D8D93** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **93938D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C3C3C9**, and **5B5B60** is the 20% darker color. If you saturate the color by 10%, you get **7E7E93**, and if you desaturate by 10%, it is **9C9C93**.

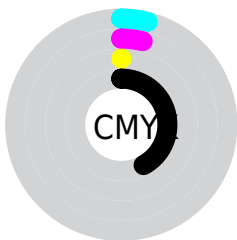
# Distribution



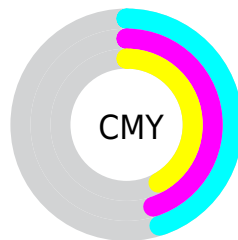
- Red (55%)
- Green (55%)
- Blue (58%)



- Red (55%)
- Yellow (55%)
- Blue (58%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (42%)



- Cyan (45%)
- Magenta (45%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D8D93 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 8D8D93 by changing the saturation by 10% instead.



■ 8D8D93

■ 8D8D93

FFFFFF

■ 737379

■ C3C3C9

■ 5B5B60

■ DEDEE5

■ 434449

■ FBFBF9

■ 2D2D32

■ 19191D

■ 000003

■ 000000

■ 8D8D93

■ 8D8D93

■ 7E7E93

■ 9C9C93

707093

AAAA93

616193

B9B993

525293

C8C893

444493

D7D793

353593

E5E593

262693

F4F493

171793

FFFF93

090993

# Harmonies

## Analogous

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



8A8E93



8D8D93



918C91

# Triad

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



8D8D93



938C89



888F8C

# Complementary

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



8D8D93



93938D

# 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.



8A8F8A



8D8D93



918D88

# Square

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



8D8D93



948C8B



8E8E88



868F8F

# Rectangle

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



8D8D93



928C8F



8E8E88



888F8B



# Sweetspot

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



8D8D93



BDBDBF



8D9393



606061



E0E0E0



616161



# Same Dimension

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



8D8D93



B6B6BF



908D93



46464A



00008A



00000A



# Inverse Universe

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



938D93



BFB6BF



90938D



4A464A



8A008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 8D8D93 looks on a white background.

## Color Contrast Check

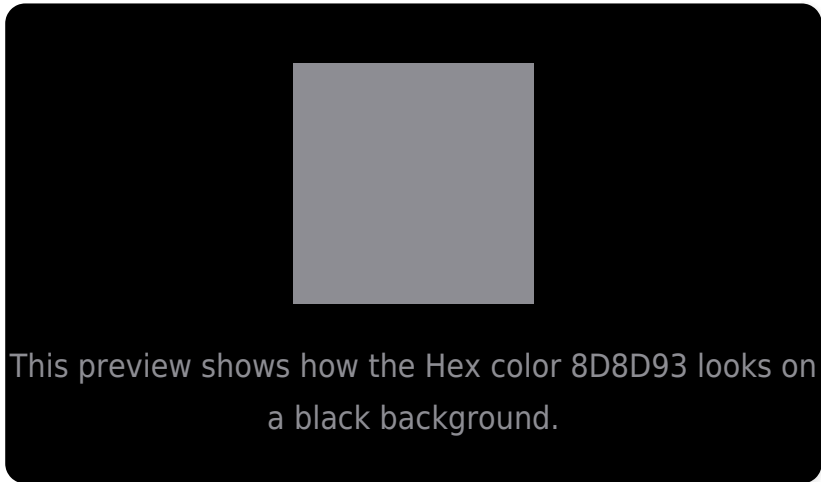
Large Text (above 18pt) WCAG AA ✓ Pass

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

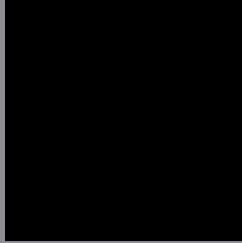
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D8D93 Background



This preview shows how black text looks on a background with the Hex color 8D8D93.



This preview shows how white text looks on a background with the Hex color 8D8D93.

# 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**

8D8D93

**Protanopia**

8E8D93

**Deuteranopia**

988994



**Tritanopia**  
8E8C97

# Trichromacy



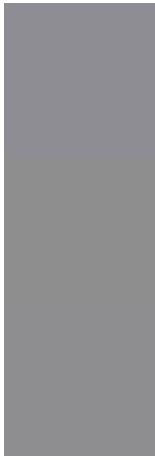
**Original Color**  
8D8D93

**Protanomaly**  
8E8D93

**Deuteranomaly**  
948A94

**Tritanomaly**  
8E8C96

# Monochromacy



**Original Color**  
8D8D93

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
8E8E90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D8D93 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 #8D8D93 looks like.

```
.text, #text, p{  
    color:#8D8D93  
}
```

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 #8D8D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D8D93
}
```

## Border

The CSS property to change the border of an element to Hex 8D8D93 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
#8D8D93 }
```

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

```
.border{ border-color:#8D8D93 }
```

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

Here you see how a box with a 4 pixel #8D8D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D8D93; -webkit-box-shadow:4px 4px  
4px 4px #8D8D93; box-shadow:4px 4px 4px  
4px #8D8D93 }
```

# Background

The CSS property to change the background color of an element to Hex 8D8D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D8D93 }
```

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

```
.background{ background-color:#8D8D93 }
```

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