

# Converting Colors

Hex(888383)

Have a look what the booklet for  
Hex(888383) contains.

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# Color

Hex(888383)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	888383
RGB	136, 131, 131
RGB Percent	53%, 51%, 51%
CMY	0.4667, 0.4863, 0.4863
CMYK	0.00, 0.04, 0.04, 0.47
HSL	0°, 2%, 52%
HSV	0°, 4%, 53%
XYZ	22.3664, 23.1055, 24.7537
YIQ	132.4950, 2.9800, 1.0600

# Conversions

## Conversions Part 2

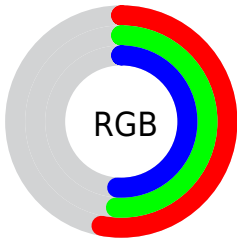
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 131, 131
Decimal	8946563
CIE Lab	55.18, 1.88, 0.66
CIE LCh	55, 1.989, 19.411
Yxy	23.1055, 0.3185, 0.3290
Android (android.graphics.Color)	4287136643 (0xFF888383)
YUV	132.4950, -0.7370, 3.0739
Hunter-Lab	48.0682, -1.0625, 3.1152

# Details

The Hex color **888383** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **838888**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDB8B8**, and **565252** is the 20% darker color. If you saturate the color by 10%, you get **887575**, and if you desaturate by 10%, it is **889191**.

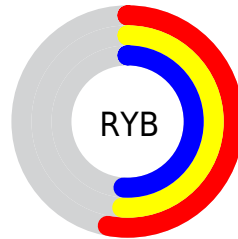
# Distribution



Red (53%)

Green (51%)

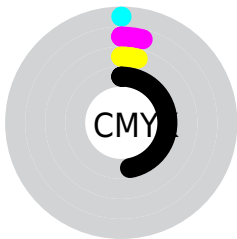
Blue (51%)



Red (53%)

Yellow (51%)

Blue (51%)

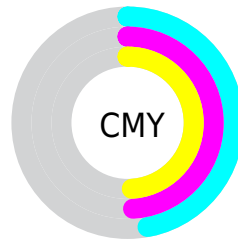


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 888383 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 888383 by changing the saturation by 10% instead.



 888383

 888383

FFFFFF

 6F6A6A

 BDB8B8

 565252

 D9D4D4

 3F3B3B

 F6F0F0

 292525

 151010

 000000

 888383

 888383

 887575

 889191

 886868

 889E9E

 885A5A

 88ACAC

 884D4D

 88B9B9

 883F3F

 88C7C7


 883131

 88D5D5

 882424

 88E2E2

 881616

 88F0F0

 880909

 88FDFD

# Harmonies

## Analogous

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



878385



888383



888382

# Triad

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



888383



828582



828487

# Complementary

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



888383



838888

# 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.



808587



888383



818583

# Square

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



888383



848481



808585



848487

# Rectangle

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



888383



878481



808585



818587



# Sweetspot

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



888383



B0AEAE



888388



595858



D9D9D9



595959



# Same Dimension

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



888383



B0A9A9



888583



454141



850000



050000



# Inverse Universe

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



838888



A9B0B0



838588



414545



008585



000505



# Previews

## White Background



This preview shows how the Hex color 888383 looks on a white background.

## Color Contrast Check

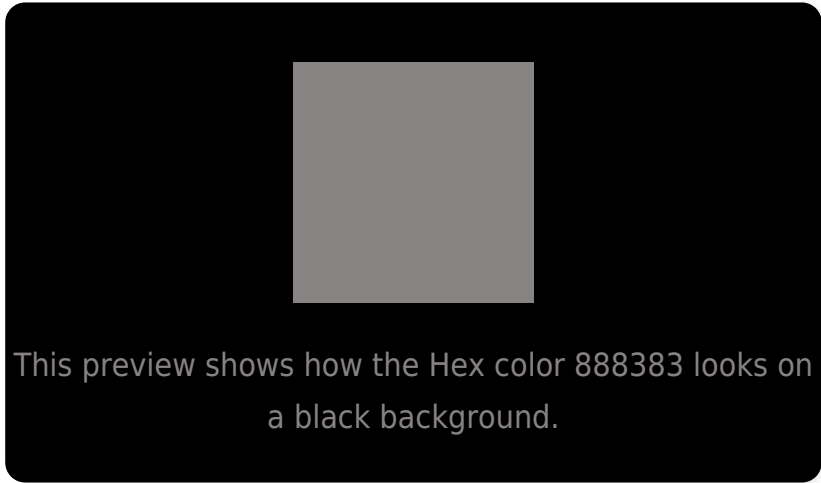
Large Text (above 18pt) WCAG AA ✓ Pass

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

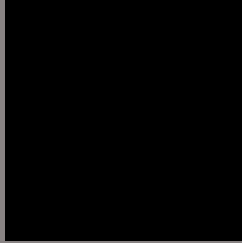
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

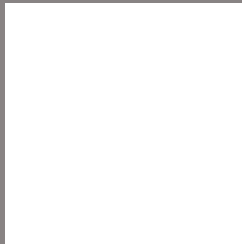
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 888383 Background



This preview shows how black text looks on a background with the Hex color 888383.



This preview shows how white text looks on a background with the Hex color 888383.

# 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**  
888383

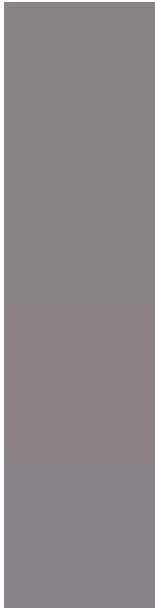
**Protanopia**  
878383

**Deuteranopia**  
918084



**Tritanopia**  
89828C

# Trichromacy



**Original Color**  
888383

**Protanomaly**  
878383

**Deuteranomaly**  
8E8184

**Tritanomaly**  
898289

# Monochromacy



**Original Color**  
888383

**Achromatopsia**  
848484

**Achromatomaly**  
858484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 888383 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 #888383 looks like.

```
.text, #text, p{  
    color:#888383  
}
```

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 #888383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #888383
}
```

## Border

The CSS property to change the border of an element to Hex 888383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

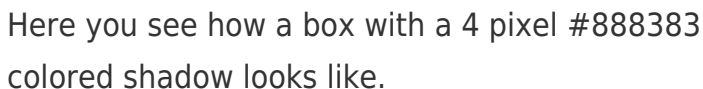
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#888383 }
```

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

```
.border{ border-color:#888383 }
```

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



Here you see how a box with a 4 pixel #888383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #888383; -webkit-box-shadow:4px 4px  
4px 4px #888383; box-shadow:4px 4px 4px  
4px #888383 }
```

# Background

The CSS property to change the background color of an element to Hex 888383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#888383 }
```

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

```
.background{ background-color:#888383 }
```

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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