

Converting Colors

Hex(838888)

Have a look what the booklet for
Hex(838888) contains.

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Color

Hex(838888)

Conversions

Conversions Part 1

Format	Color
Hex	838888
RGB	131, 136, 136
RGB Percent	51%, 53%, 53%
CMY	0.4863, 0.4667, 0.4667
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 52%
HSV	180°, 4%, 53%
XYZ	22.6082, 24.2112, 26.7742
YIQ	134.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

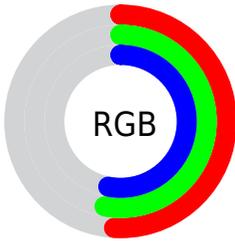
Format	Color
R_{YB}	131, 134, 136
Decimal	8620168
CIE _{Lab}	56.30, -1.83, -0.65
CIE _{LCh}	56, 1.944, 199.422
Yxy	24.2112, 0.3072, 0.3290
Android (android.graphics.Color)	4286810248 (0xFF838888)
YUV	134.5050, 0.7370, -3.0739
Hunter-Lab	49.2049, -4.0931, 2.1815

Details

The Hex color **838888** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **888383**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B8BDBD**, and **525656** is the 20% darker color. If you saturate the color by 10%, you get **758888**, and if you desaturate by 10%, it is **918888**.

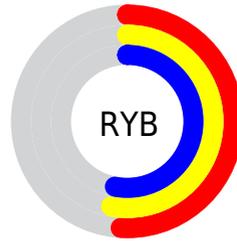
Distribution



Red (51%)

Green (53%)

Blue (53%)



Red (51%)

Yellow (53%)

Blue (53%)

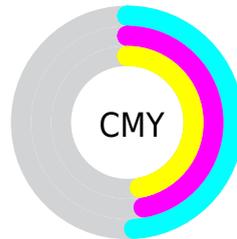


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838888 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 838888 by changing the saturation by 10% instead.

■ 838888

■ 838888

FFFFFF

■ 6A6F6F

■ B8BDBD

■ 525656

■ D4D9D9

■ 3B3F3F

■ F0F5F5

■ 252929

■ 101515

■ 000000

■ 838888

■ 838888

■ 758888

■ 918888

■ 688888

■ 9E8888

5A8888

AC8888

4D8888

B98888

3F8888

C78888

318888

D58888

248888

E28888

168888

F08888

098888

FD8888

Harmonies

Analogous

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



848886



838888



838889

Triad

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



838888



898689



898784

Complementary

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



838888



888383

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.



8A8684



838888



8A8688

Square

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



838888



87878A



8B8686



878784

Rectangle

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



838888



84878A



8B8686



8A8684

Sweetspot

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



838888



AEB0B0



838883



585959



D9D9D9



595959

Same Dimension

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



838888



A9B0B0



838588



414545



008585



000505

Inverse Universe

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



888388



B0A9B0



888583



454145



850085



050005

Previews

White Background



This preview shows how the Hex color 838888 looks on a white background.

Color Contrast Check

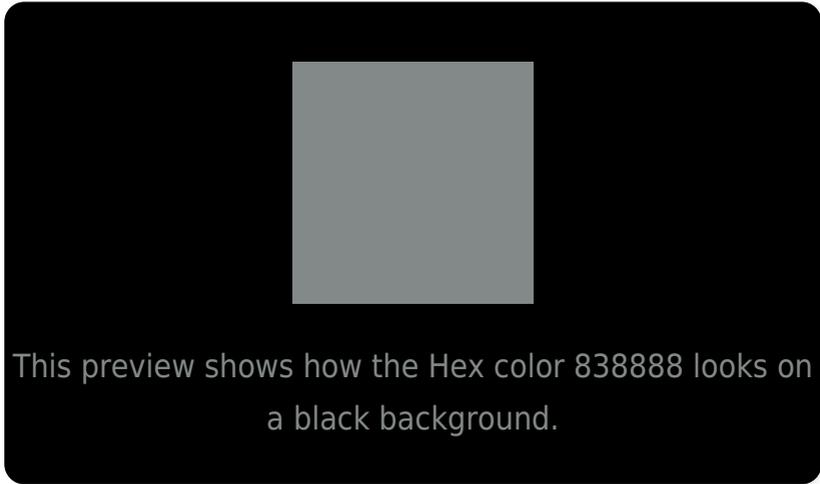
Large Text (above 18pt) WCAG AA ✓ Pass

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

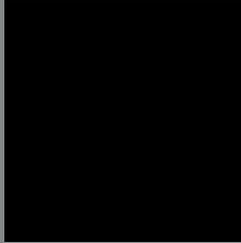
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

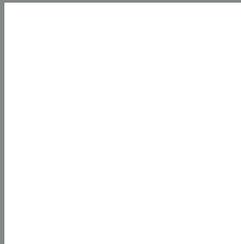
Any Text WCAG AAA × Fail

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

Hex 838888 Background



This preview shows how black text looks on a background with the Hex color 838888.



This preview shows how white text looks on a background with the Hex color 838888.

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
838888

Protanopia
898687

Deuteranopia
938389



Tritanopia
848791

Trichromacy



Original Color
838888

Protanomaly
878787

Deuteranomaly
8D8589

Tritanomaly
84878E

Monochromacy



Original Color
838888

Achromatopsia
878787

Achromatomaly
868787

CSS Examples

Text

The CSS property to change the color of the text to Hex 838888 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 #838888 looks like.

```
.text, #text, p{  
    color:#838888  
}
```

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 #838888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838888
}
```

Border

The CSS property to change the border of an element to Hex 838888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

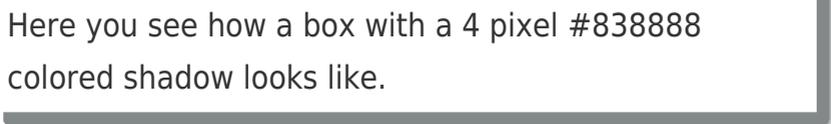
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838888 }
```

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

```
.border{ border-color:#838888 }
```

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



Here you see how a box with a 4 pixel #838888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838888; -webkit-box-shadow:4px 4px  
4px 4px #838888; box-shadow:4px 4px 4px  
4px #838888 }
```

Background

The CSS property to change the background color of an element to Hex 838888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838888 }
```

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

```
.background{ background-color:#838888 }
```

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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