

Converting Colors

Hex(838585)

Have a look what the booklet for
Hex(838585) contains.

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Color

Hex(838585)

Conversions

Conversions Part 1

Format	Color
Hex	838585
RGB	131, 133, 133
RGB Percent	51%, 52%, 52%
CMY	0.4863, 0.4784, 0.4784
CMYK	0.02, 0.00, 0.00, 0.48
HSL	180°, 1%, 52%
HSV	180°, 2%, 52%
XYZ	21.9812, 23.2938, 25.5279
YIQ	132.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

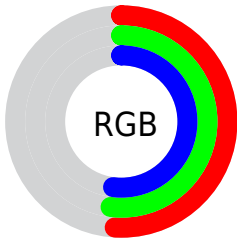
Format	Color
R_{YB}	131, 132, 133
Decimal	8619397
CIE _{Lab}	55.37, -0.74, -0.27
CIE _{LCh}	55, 0.784, 199.846
Yxy	23.2938, 0.3105, 0.3290
Android (android.graphics.Color)	4286809477 (0xFF838585)
YUV	132.4020, 0.2948, -1.2296
Hunter-Lab	48.2637, -3.1652, 2.4245

Details

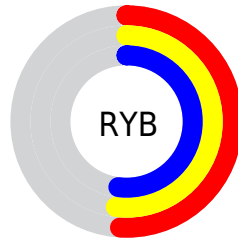
The Hex color **838585** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **858383**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B8BABA**, and **525454** is the 20% darker color. If you saturate the color by 10%, you get **768585**, and if you desaturate by 10%, it is **908585**.

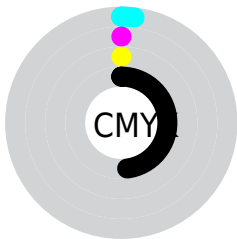
Distribution



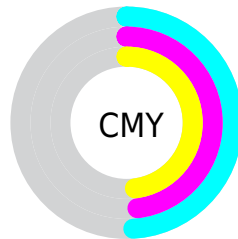
- Red (51%)
- Green (52%)
- Blue (52%)



- Red (51%)
- Yellow (52%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838585 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 838585 by changing the saturation by 10% instead.

■ 838585

■ 838585

FFFFFF

■ 6A6C6C

■ B8BABA

■ 525454

■ D4D6D6

■ 3B3C3D

■ F0F2F2

■ 252727

■ 101212

■ 000000

■ 838585

■ 838585

■ 768585

■ 908585

■ 688585

■ 9E8585

5B8585

AB8585

4E8585

B88585

408585

C68585

338585

D38585

268585

E08585

198585

ED8585

0B8585

FB8585

Harmonies

Analogous

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



838584



838585



838586

Triad

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



838585



858485



858483

Complementary

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



838585



858383

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.



868484



838585



868485

Square

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



838585



848486



868484



858583

Rectangle

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



838585



838586



868484



868483

Sweetspot

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



838585



ADADAD



838583



575757



D6D6D6

Same Dimension

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



838585



AAADAD



838485



414242



008282



000303

Inverse Universe

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



858385



ADAAAD



858483



424142



820082



030003

Previews

White Background



This preview shows how the Hex color 838585 looks on a white background.

Color Contrast Check

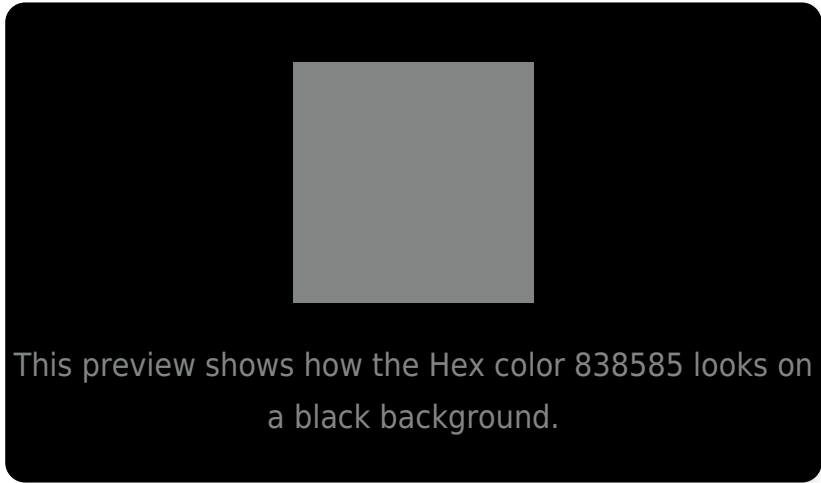
Large Text (above 18pt) WCAG AA ✓ Pass

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

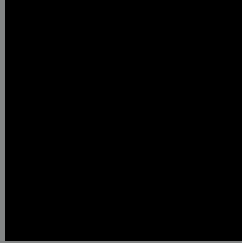
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

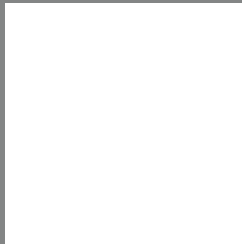
Any Text WCAG AAA × Fail

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

Hex 838585 Background



This preview shows how black text looks on a background with the Hex color 838585.



This preview shows how white text looks on a background with the Hex color 838585.

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
838585

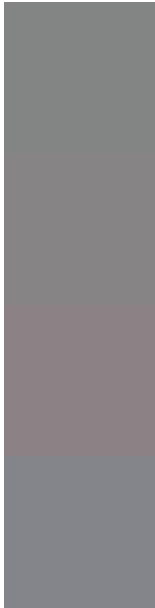
Protanopia
878484

Deuteranopia
918086



Tritanopia
84848E

Trichromacy



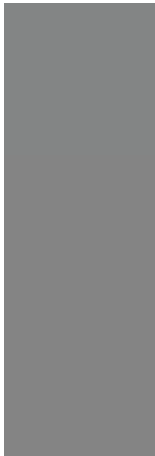
Original Color
838585

Protanomaly
868484

Deuteranomaly
8C8286

Tritanomaly
84848B

Monochromacy



Original Color
838585

Achromatopsia
848484

Achromatomaly
848484

CSS Examples

Text

The CSS property to change the color of the text to Hex 838585 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 #838585 looks like.

```
.text, #text, p{  
    color:#838585  
}
```

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 #838585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838585
}
```

Border

The CSS property to change the border of an element to Hex 838585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

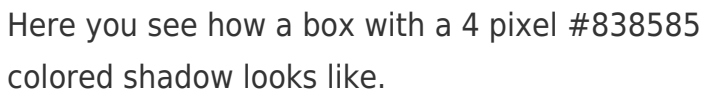
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838585 }
```

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

```
.border{ border-color:#838585 }
```

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



Here you see how a box with a 4 pixel #838585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838585; -webkit-box-shadow:4px 4px  
4px 4px #838585; box-shadow:4px 4px 4px  
4px #838585 }
```

Background

The CSS property to change the background color of an element to Hex 838585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838585 }
```

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

```
.background{ background-color:#838585 }
```

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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