

Converting Colors

Hex(838285)

Have a look what the booklet for
Hex(838285) contains.

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Color

Hex(838285)

Conversions

Conversions Part 1

Format	Color
Hex	838285
RGB	131, 130, 133
RGB Percent	51%, 51%, 52%
CMY	0.4863, 0.4902, 0.4784
CMYK	0.02, 0.02, 0.00, 0.48
HSL	260°, 1%, 52%
HSV	260°, 2%, 52%
XYZ	21.5763, 22.4840, 25.3930
YIQ	130.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

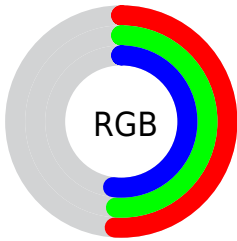
Format	Color
R_{YB}	131, 130, 133
Decimal	8618629
CIE Lab	54.54, 0.97, -1.49
CIE LCh	55, 1.781, 303.139
Yxy	22.4840, 0.3107, 0.3237
Android (android.graphics.Color)	4286808709 (0xFF838285)
YUV	130.6410, 1.1630, 0.3148
Hunter-Lab	47.4173, -1.7573, 1.4411

Details

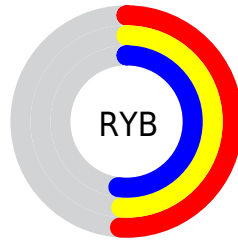
The Hex color **838285** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **848582**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B8B7BA**, and **525154** is the 20% darker color. If you saturate the color by 10%, you get **7A7585**, and if you desaturate by 10%, it is **8C8F85**.

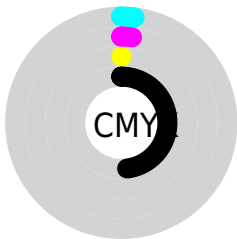
Distribution



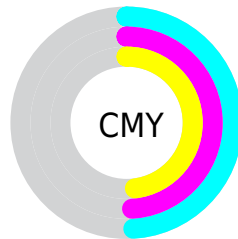
- Red (51%)
- Green (51%)
- Blue (52%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 838285 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 838285 by changing the saturation by 10% instead.



838285



838285

FFFFFF



6A696C



B8B7BA



525154



D4D2D6



3B3A3C



F0EFF2



252427



100F12



000000



838285



838285



7A7585



8C8F85



716785



959D85

685A85

9EAA85

604D85

A6B785

573F85

AFC485

4E3285

B8D285

452585

C1DF85

3C1885

CAEC85

330A85

D3FA85

Harmonies

Analogous

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



818385



838285



858284

Triad

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



838285



858280



7F8383

Complementary

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



838285



848582

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.



808381



838285



84827F

Square

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



838285



868281



828380



7F8384

Rectangle

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



838285



858183



828380



7F8382

Sweetspot

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



838285



ACACAD



828485



565657



D6D6D6



575757

Same Dimension

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



838285



AAA8AD



848285



414042



2B0082



010003

Inverse Universe

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



858284



ADA8AC



838582



424041



820057



030002

Previews

White Background



This preview shows how the Hex color 838285 looks on a white background.

Color Contrast Check

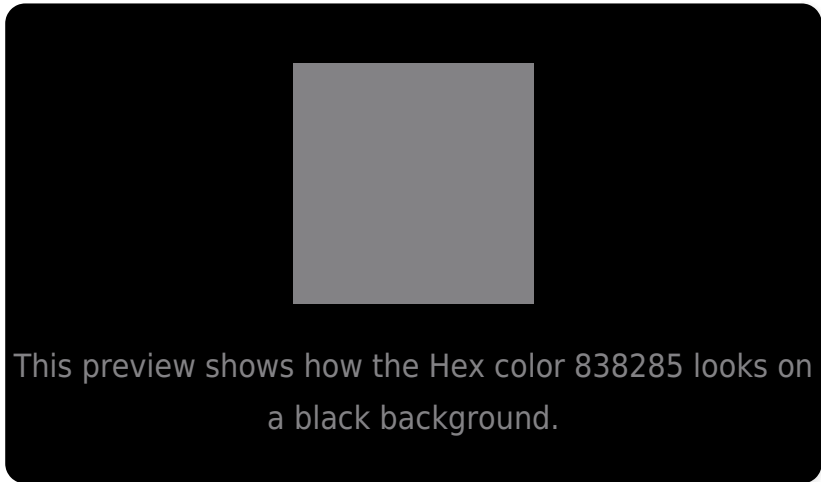
Large Text (above 18pt) WCAG AA ✓ Pass

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

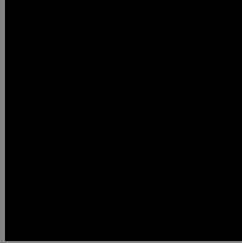
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

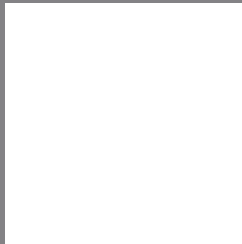
Any Text WCAG AAA × Fail

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

Hex 838285 Background



This preview shows how black text looks on a background with the Hex color 838285.



This preview shows how white text looks on a background with the Hex color 838285.

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
838285

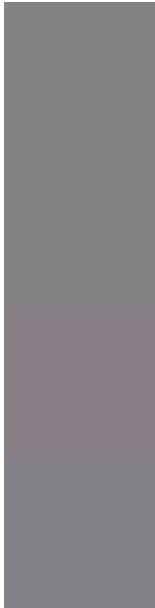
Protanopia
848285

Deuteranopia
8D7E86



Tritanopia
84818B

Trichromacy



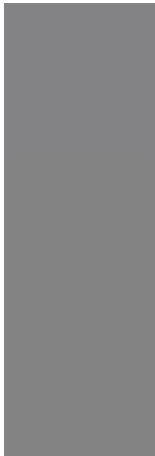
Original Color
838285

Protanomaly
848285

Deuteranomaly
897F86

Tritanomaly
848189

Monochromacy



Original Color
838285

Achromatopsia
838383

Achromatomaly
838384

CSS Examples

Text

The CSS property to change the color of the text to Hex 838285 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 #838285 looks like.

```
.text, #text, p{  
    color:#838285  
}
```

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 #838285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838285
}
```

Border

The CSS property to change the border of an element to Hex 838285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

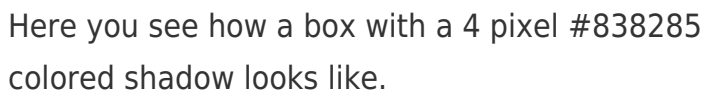
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838285 }
```

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

```
.border{ border-color:#838285 }
```

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



Here you see how a box with a 4 pixel #838285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838285; -webkit-box-shadow:4px 4px  
4px 4px #838285; box-shadow:4px 4px 4px  
4px #838285 }
```

Background

The CSS property to change the background color of an element to Hex 838285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838285 }
```

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

```
.background{ background-color:#838285 }
```

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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