

Converting Colors

Hex(838685)

Have a look what the booklet for
Hex(838685) contains.

| | |
|--|----|
| Hex(838685) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(838685)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 838685 |
| RGB | 131, 134, 133 |
| RGB Percent | 51%, 53%, 52% |
| CMY | 0.4863, 0.4745, 0.4784 |
| CMYK | 0.02, 0.00, 0.01, 0.47 |
| HSL | 160°, 1%, 52% |
| HSV | 160°, 2%, 53% |
| XYZ | 22.1188, 23.5689, 25.5738 |
| YIQ | 132.9890, -1.4670, -0.9470 |

Conversions

Conversions Part 2

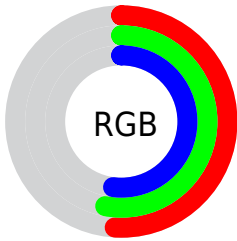
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 131, 133, 134 |
| Decimal | 8619653 |
| CIE Lab | 55.65, -1.31, 0.14 |
| CIE LCh | 56, 1.313, 173.762 |
| Yxy | 23.5689, 0.3104, 0.3307 |
| Android (android.graphics.Color) | 4286809733 (0xFF838685) |
| YUV | 132.9890, 0.0054, -1.7444 |
| Hunter-Lab | 48.5479, -3.6327, 2.7510 |

Details

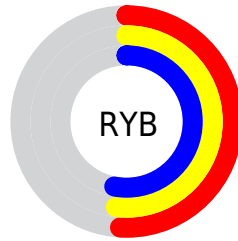
The Hex color **838685** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868384**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B8BBBA**, and **525454** is the 20% darker color. If you saturate the color by 10%, you get **768681**, and if you desaturate by 10%, it is **908689**.

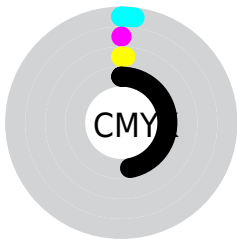
Distribution



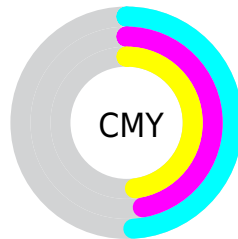
- Red (51%)
- Green (53%)
- Blue (52%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838685 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 838685 by changing the saturation by 10% instead.

■ 838685

■ 838685

FFFFFF

■ 6A6D6C

■ B8BBBA

■ 525454

■ D4D7D6

■ 3B3D3D

■ F0F3F2

■ 252827

■ 101312

■ 000000

■ 838685

■ 838685

■ 768681

■ 908689

■ 68867C

■ 9E868E

■ 5B8678

■ AB8692

■ 4D8673

■ B98697

■ 40866F

■ C6869B

■ 33866A

■ D386A0

■ 258666

■ E186A4

■ 188661

■ EE86A9

■ 0A865D

■ FC86AD

Harmonies

Analogous

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



848684



838685



838686

Triad

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



838685



858587



888583

Complementary

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



838685



868384

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.



888584



838685



878587

Square

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



838685



848588



888586



878583

Rectangle

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



838685



838687



888586



888584

Sweetspot

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



838685



ACADAD



848683



565756



D6D6D6



575757

Same Dimension

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



838685



A8ADAC



838686



404241



008257



000302

Inverse Universe

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



868384



ADA8AA



868483



424041



82002B



030001

Previews

White Background



This preview shows how the Hex color 838685 looks on a white background.

Color Contrast Check

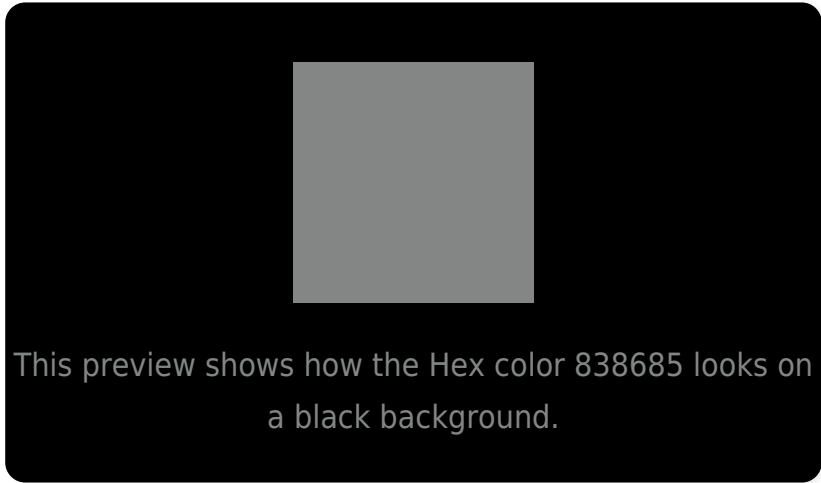
Large Text (above 18pt) WCAG AA ✓ Pass

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

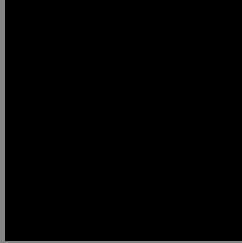
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

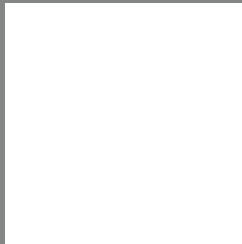
Any Text WCAG AAA × Fail

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

Hex 838685 Background



This preview shows how black text looks on a background with the Hex color 838685.



This preview shows how white text looks on a background with the Hex color 838685.

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


838685

Protanopia

888584

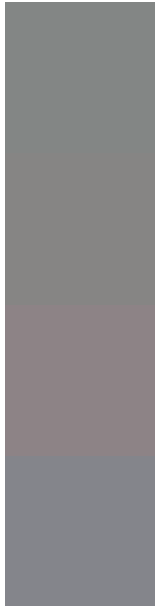
Deuteranopia

928186



Tritanopia
85848F

Trichromacy



Original Color
838685

Protanomaly
868584

Deuteranomaly
8D8386

Tritanomaly
84858B

Monochromacy



Original Color
838685

Achromatopsia
858585

Achromatomaly
848585

CSS Examples

Text

The CSS property to change the color of the text to Hex 838685 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 #838685 looks like.

```
.text, #text, p{  
    color:#838685  
}
```

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 #838685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838685
}
```

Border

The CSS property to change the border of an element to Hex 838685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

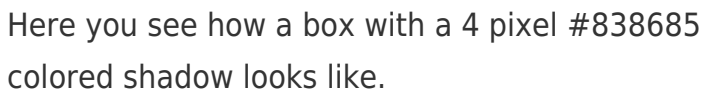
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838685 }
```

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

```
.border{ border-color:#838685 }
```

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



Here you see how a box with a 4 pixel #838685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838685; -webkit-box-shadow:4px 4px  
4px 4px #838685; box-shadow:4px 4px 4px  
4px #838685 }
```

Background

The CSS property to change the background color of an element to Hex 838685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838685 }
```

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

```
.background{ background-color:#838685 }
```

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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