

Converting Colors

Hex(878687)

Have a look what the booklet for
Hex(878687) contains.

Hex(878687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(878687)

Conversions

Conversions Part 1

Format	Color
Hex	878687
RGB	135, 134, 135
RGB Percent	53%, 53%, 53%
CMY	0.4706, 0.4745, 0.4706
CMYK	0.00, 0.01, 0.00, 0.47
HSL	300°, 0%, 53%
HSV	300°, 1%, 53%
XYZ	22.8899, 23.9504, 26.3381
YIQ	134.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

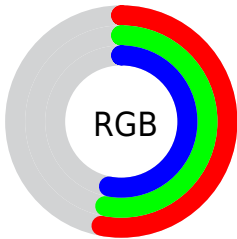
Format	Color
R_{YB}	135, 134, 135
Decimal	8881799
CIE _{Lab}	56.04, 0.57, -0.41
CIE _{LCh}	56, 0.704, 324.207
Yxy	23.9504, 0.3128, 0.3273
Android (android.graphics.Color)	4287071879 (0xFF878687)
YUV	134.4130, 0.2894, 0.5148
Hunter-Lab	48.9391, -2.1549, 2.3486

Details

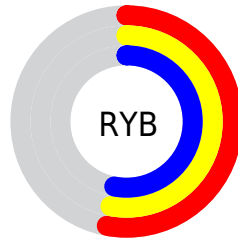
The Hex color **878687** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868786**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BCBBBC**, and **555455** is the 20% darker color. If you saturate the color by 10%, you get **877987**, and if you desaturate by 10%, it is **879387**.

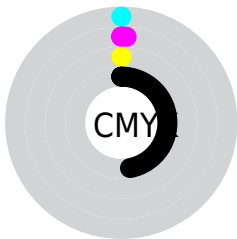
Distribution



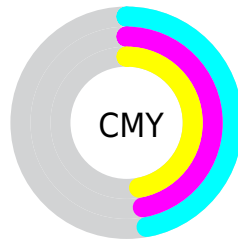
- Red (53%)
- Green (53%)
- Blue (53%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 878687 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 878687 by changing the saturation by 10% instead.

878687

878687

FFFFFF

6E6D6E

BCBBBC

555455

D8D7D8

3E3D3E

F4F3F4

282828

141314

000000

878687

878687

877987

879387

876B87

87A187

875E87

87AF87

875087

87BC87

874387

87CA87

873587

87D787

872887

87E587

871A87

87F287

870D87

87FF87

Harmonies

Analogous

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



868687



878687



888686

Triad

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



878687



878685



858787

Complementary

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



878687



868786

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.



858786



878687



868685

Square

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



878687



878685



868786



858787

Rectangle

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



878687



888686



868786



858787

Sweetspot

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



878687



B0B0B0



868687



595959



D9D9D9

Same Dimension

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



878687



B0AEB0



424242



820082



030003

Inverse Universe

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



878687



B0AEB0



868787



424242



820082



030003

Previews

White Background



This preview shows how the Hex color 878687 looks on a white background.

Color Contrast Check

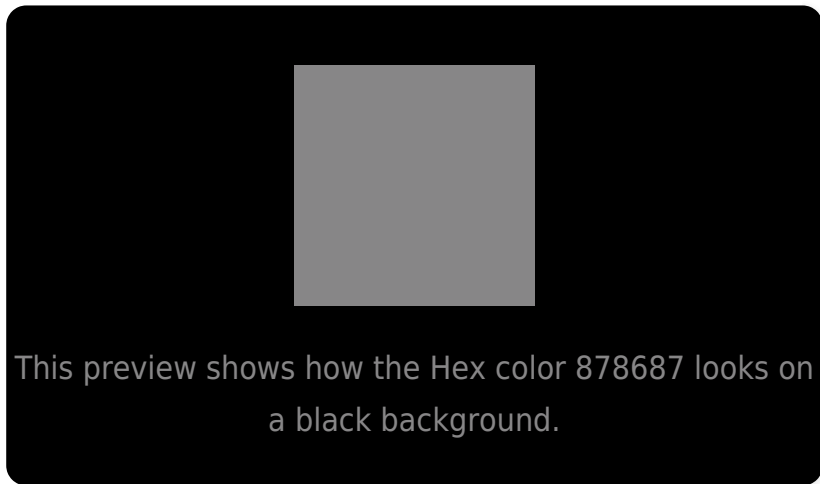
Large Text (above 18pt) WCAG AA ✓ Pass

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

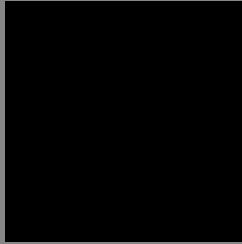
Any Text WCAG AA ✓ Pass

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 878687 Background



This preview shows how black text looks on a background with the Hex color 878687.



This preview shows how white text looks on a background with the Hex color 878687.

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


878687

Protanopia

888687

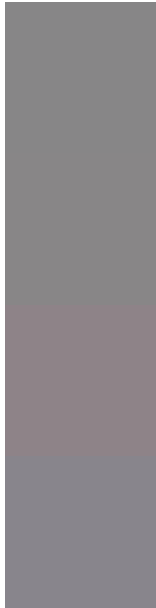
Deuteranopia

928288



Tritanopia
88858F

Trichromacy



Original Color

878687

Protanomaly

888687

Deuteranomaly

8E8388

Tritanomaly

88858C

Monochromacy



Original Color

878687

Achromatopsia

868686

Achromatomaly

868686

CSS Examples

Text

The CSS property to change the color of the text to Hex 878687 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 #878687 looks like.

```
.text, #text, p{  
    color:#878687  
}
```

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 #878687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878687
}
```

Border

The CSS property to change the border of an element to Hex 878687 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
#878687 }
```

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

```
.border{ border-color:#878687 }
```

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

Here you see how a box with a 4 pixel #878687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878687; -webkit-box-shadow:4px 4px  
4px 4px #878687; box-shadow:4px 4px 4px  
4px #878687 }
```

Background

The CSS property to change the background color of an element to Hex 878687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878687 }
```

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

```
.background{ background-color:#878687 }
```

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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