

Converting Colors

Hex(87858B)

Have a look what the booklet for
Hex(87858B) contains.

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Color

Hex(87858B)

Conversions

Conversions Part 1

Format	Color
Hex	87858B
RGB	135, 133, 139
RGB Percent	53%, 52%, 55%
CMY	0.4706, 0.4784, 0.4549
CMYK	0.03, 0.04, 0.00, 0.45
HSL	260°, 3%, 53%
HSV	260°, 4%, 55%
XYZ	23.0394, 23.7900, 27.8037
YIQ	134.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

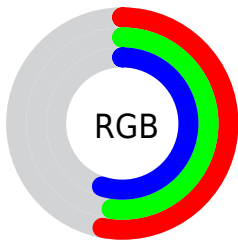
Format	Color
R_{YB}	135, 133, 139
Decimal	8881547
CIE _{Lab}	55.88, 1.94, -2.96
CIE _{LCh}	56, 3.539, 303.262
Yxy	23.7900, 0.3087, 0.3188
Android (android.graphics.Color)	4287071627 (0xFF87858B)
YUV	134.2820, 2.3260, 0.6297
Hunter-Lab	48.7750, -1.0399, 0.3448

Details

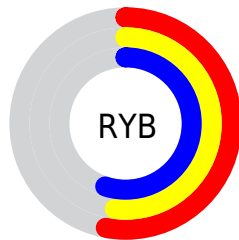
The Hex color **87858B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **898B85**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BCBAC0**, and **555459** is the 20% darker color. If you saturate the color by 10%, you get **7E778B**, and if you desaturate by 10%, it is **90938B**.

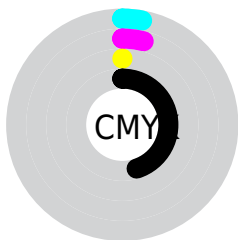
Distribution



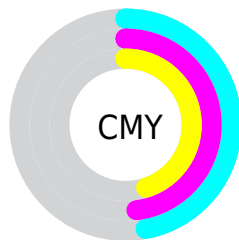
- Red (53%)
- Green (52%)
- Blue (55%)



- Red (53%)
- Yellow (52%)
- Blue (55%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87858B 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 87858B by changing the saturation by 10% instead.



87858B



87858B

FFFFFF



6E6C72



BCBAC0



555459



D8D6DC



3E3C42



F4F2F9



28272C



141217



000000



87858B



87858B



7E778B



90938B



74698B



9AA18B

6B5B8B

A3AF8B

624D8B

ACBD8B

59408B

B5CB8B

4F328B

BFD88B

46248B

C8E68B

3D168B

D1F48B

34088B

DAFF8B

Harmonies

Analogous

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



83868C



87858B



8A8489

Triad

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



87858B



8B8580



7F8886

Complementary

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



87858B



898B85

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.



818783



87858B



888680

Square

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



87858B



8D8483



858781



7F8889

Rectangle

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



87858B



8C8487



858781



808885

Sweetspot

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



87858B



B4B3B5



85898B



5B5B5C



DBDBDB



5C5C5C

Same Dimension

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



87858B



AFACB5



8A858B



424145



2C0085



020005

Inverse Universe

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



8B8589



B5ACB2



868B85



454143



850058



050003

Previews

White Background



This preview shows how the Hex color 87858B looks on a white background.

Color Contrast Check

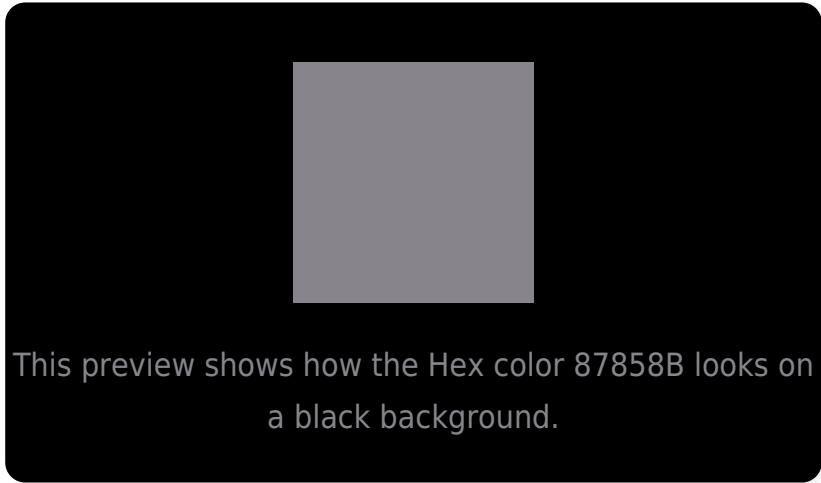
Large Text (above 18pt) WCAG AA ✓ Pass

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

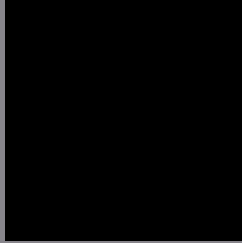
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

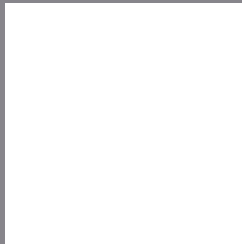
Any Text WCAG AAA × Fail

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

Hex 87858B Background



This preview shows how black text looks on a background with the Hex color 87858B.



This preview shows how white text looks on a background with the Hex color 87858B.

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
87858B

Protanopia
87858B

Deuteranopia
90828C



Tritanopia
88848F

Trichromacy



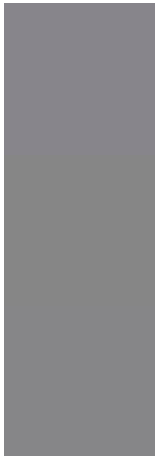
Original Color
87858B

Protanomaly
87858B

Deuteranomaly
8D838C

Tritanomaly
88848E

Monochromacy



Original Color
87858B

Achromatopsia
868686

Achromatomaly
868688

CSS Examples

Text

The CSS property to change the color of the text to Hex 87858B 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 #87858B looks like.

```
.text, #text, p{  
    color:#87858B  
}
```

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 #87858B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87858B
}
```

Border

The CSS property to change the border of an element to Hex 87858B is called "border". The border property can be set on classes, ids or directly on the HTML element.

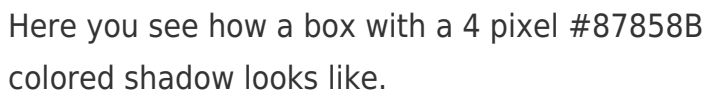
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87858B }
```

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

```
.border{ border-color:#87858B }
```

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



Here you see how a box with a 4 pixel #87858B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87858B; -webkit-box-shadow:4px 4px  
4px 4px #87858B; box-shadow:4px 4px 4px  
4px #87858B }
```

Background

The CSS property to change the background color of an element to Hex 87858B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87858B }
```

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

```
.background{ background-color:#87858B }
```

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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