

Converting Colors

Hex(838B8F)

Have a look what the booklet for
Hex(838B8F) contains.

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Color

Hex(838B8F)

Conversions

Conversions Part 1

Format	Color
Hex	838B8F
RGB	131, 139, 143
RGB Percent	51%, 55%, 56%
CMY	0.4863, 0.4549, 0.4392
CMYK	0.08, 0.03, 0.00, 0.44
HSL	200°, 5%, 54%
HSV	200°, 8%, 56%
XYZ	23.5506, 25.2737, 29.6237
YIQ	137.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

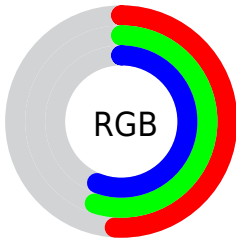
Format	Color
R_{YB}	131, 136, 143
Decimal	8620943
CIE _{Lab}	57.34, -2.08, -3.15
CIE _{LCh}	57, 3.771, 236.509
Yxy	25.2737, 0.3002, 0.3222
Android (android.graphics.Color)	4286811023 (0xFF838B8F)
YUV	137.0640, 2.9264, -5.3181
Hunter-Lab	50.2730, -4.3585, 0.2541

Details

The Hex color **838B8F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8783**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B8C0C5**, and **52595D** is the 20% darker color. If you saturate the color by 10%, you get **75868F**, and if you desaturate by 10%, it is **91908F**.

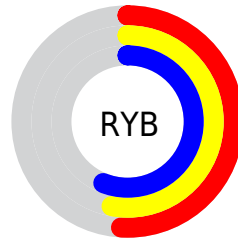
Distribution



Red (51%)

Green (55%)

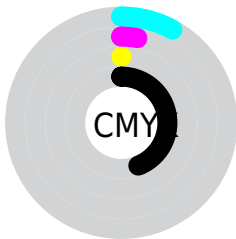
Blue (56%)



Red (51%)

Yellow (53%)

Blue (56%)

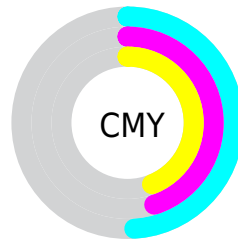


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838B8F 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 838B8F by changing the saturation by 10% instead.



838B8F



838B8F

FFFFFF



6A7275



B8C0C5



52595D



D4DCE1



3B4245



F0F9FD



252C2F



10171A



000000



838B8F



838B8F



75868F



91908F



66818F



A0958F

■ 587D8F

■ AE998F

■ 4A788F

■ BC9E8F

■ 3B738F

■ CBA38F

■ 2D6E8F

■ D9A88F

■ 1F6A8F

■ E7AC8F

■ 11658F

■ F5B18F

■ 02608F

■ FFB68F

Harmonies

Analogous

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



828C8C



838B8F



868A90

Triad

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



838B8F



90888A



898A84

Complementary

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



838B8F



8F8783

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.



8D8983



838B8F



918887

Square

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



838B8F



8E888D



908884



858B86

Rectangle

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



838B8F



898990



908884



8B8A83

Sweetspot

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



838B8F



B5B8BA



838F87



5B5D5E



DEDEDE



5E5E5E

Same Dimension

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



838B8F



A8B4BA



83858F



404547



005A87



000508

Inverse Universe

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



8F838B



BAA8B4



8F8D83



474045



87005A



080005

Previews

White Background



This preview shows how the Hex color 838B8F looks on a white background.

Color Contrast Check

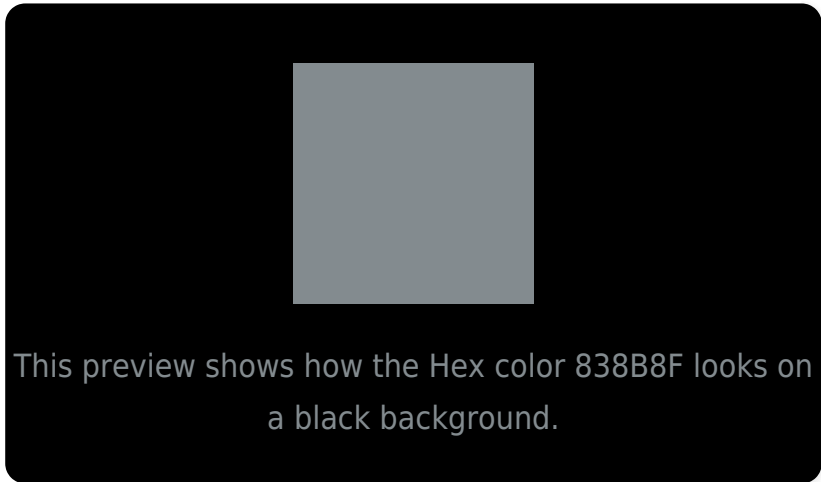
Large Text (above 18pt) WCAG AA ✓ Pass

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

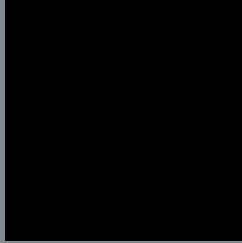
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

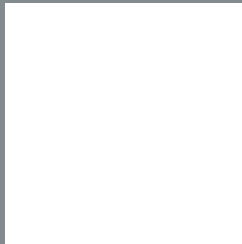
Any Text WCAG AAA × Fail

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

Hex 838B8F Background



This preview shows how black text looks on a background with the Hex color 838B8F.



This preview shows how white text looks on a background with the Hex color 838B8F.

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](#).

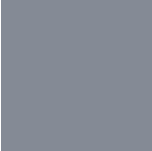
Dichromacy



Original Color
838B8F

Protanopia
8B898E

Deuteranopia
948590



Tritanopia
848A95

Trichromacy



Original Color
838B8F

Protanomaly
888A8E

Deuteranomaly
8E8790

Tritanomaly
848A93

Monochromacy



Original Color
838B8F

Achromatopsia
898989

Achromatomaly
878A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 838B8F 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 #838B8F looks like.

```
.text, #text, p{  
    color:#838B8F  
}
```

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 #838B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838B8F
}
```

Border

The CSS property to change the border of an element to Hex 838B8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

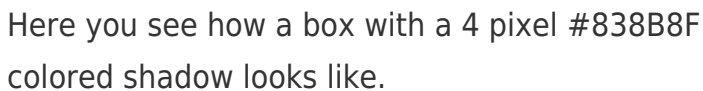
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838B8F }
```

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

```
.border{ border-color:#838B8F }
```

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



Here you see how a box with a 4 pixel #838B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838B8F; -webkit-box-shadow:4px 4px  
4px 4px #838B8F; box-shadow:4px 4px 4px  
4px #838B8F }
```

Background

The CSS property to change the background color of an element to Hex 838B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838B8F }
```

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

```
.background{ background-color:#838B8F }
```

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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