

Converting Colors

Hex(89838A)

Have a look what the booklet for
Hex(89838A) contains.

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Color

Hex(89838A)

Conversions

Conversions Part 1

Format	Color
Hex	89838A
RGB	137, 131, 138
RGB Percent	54%, 51%, 54%
CMY	0.4627, 0.4863, 0.4588
CMYK	0.01, 0.05, 0.00, 0.46
HSL	291°, 3%, 53%
HSV	291°, 5%, 54%
XYZ	23.0203, 23.3859, 27.3454
YIQ	133.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

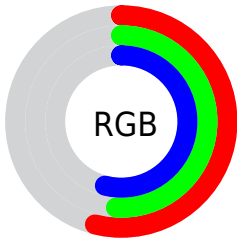
Format	Color
R_{YB}	137, 131, 138
Decimal	9012106
CIE Lab	55.47, 3.62, -2.96
CIE LCh	55, 4.678, 320.682
Yxy	23.3859, 0.3121, 0.3171
Android (android.graphics.Color)	4287202186 (0xFF89838A)
YUV	133.5920, 2.1731, 2.9888
Hunter-Lab	48.3590, 0.3428, 0.3248

Details

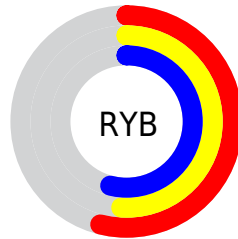
The Hex color **89838A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **848A83**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BEB8BF**, and **575258** is the 20% darker color. If you saturate the color by 10%, you get **87758A**, and if you desaturate by 10%, it is **8B918A**.

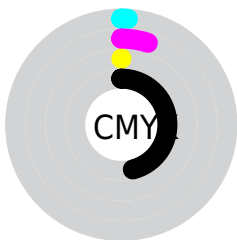
Distribution



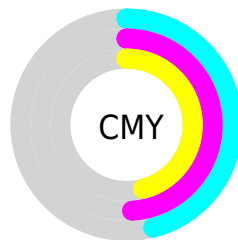
- Red (54%)
- Green (51%)
- Blue (54%)



- Red (54%)
- Yellow (51%)
- Blue (54%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89838A 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 89838A by changing the saturation by 10% instead.

■ 89838A

■ 89838A

FFFFFF

■ 706A71

■ BEB8BF

■ 575258

■ DAD4DB

■ 403B41

■ F7F0F8

■ 2A252B

■ 161016

■ 000000

■ 89838A

■ 89838A

■ 87758A

■ 8B918A

■ 85678A

■ 8D9F8A

835A8A

8FAC8A

814C8A

91BA8A

7F3E8A

93C88A

7D308A

95D68A

7B228A

97E48A

79158A

99F18A

77078A

9BFF8A

Harmonies

Analogous

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



84848C



89838A



8D8286

Triad

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



89838A



8A847D



7B8788

Complementary

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



89838A



848A83

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.



7D8783



89838A



85857D

Square

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



89838A



8D837F



818780



7C878B

Rectangle

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



89838A



8E8283



818780



7B8786

Sweetspot

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



89838A



B2AFB3



83848A



595759



D9D9D9



595959

Same Dimension

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



89838A



B1A8B3



8A8388



444045



720085



040005

Inverse Universe

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



8A8384



B3A8A9



838A85



454041



850013



050001

Previews

White Background



This preview shows how the Hex color 89838A looks on a white background.

Color Contrast Check

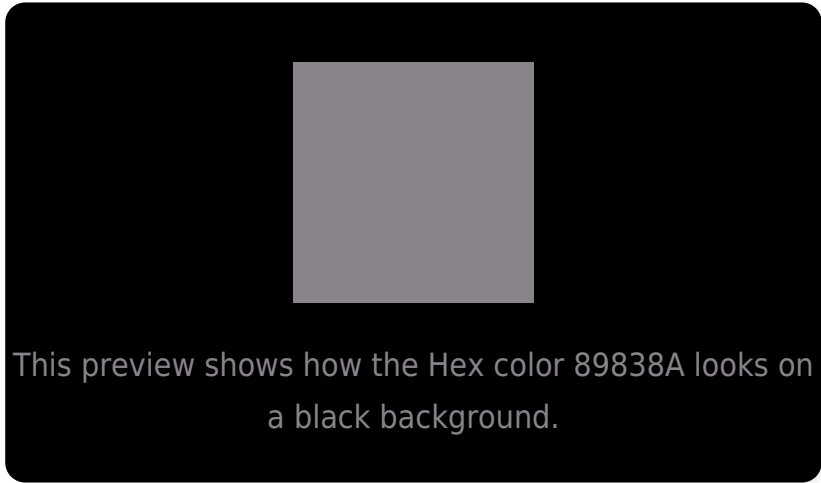
Large Text (above 18pt) WCAG AA ✓ Pass

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

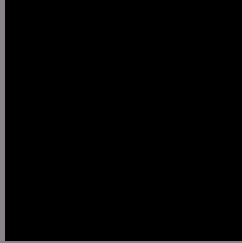
Any Text WCAG AA ✓ Pass

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 89838A Background



This preview shows how black text looks on a background with the Hex color 89838A.



This preview shows how white text looks on a background with the Hex color 89838A.

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
89838A

Protanopia
85848B

Deuteranopia
8F818A



Tritanopia
89838D

Trichromacy



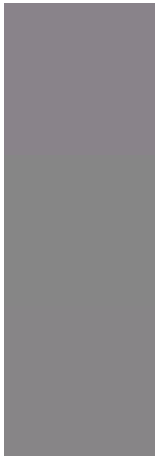
Original Color
89838A

Protanomaly
86848B

Deuteranomaly
8D828A

Tritanomaly
89838C

Monochromacy



Original Color
89838A

Achromatopsia
868686

Achromatomaly
878587

CSS Examples

Text

The CSS property to change the color of the text to Hex 89838A 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 #89838A looks like.

```
.text, #text, p{  
    color:#89838A  
}
```

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 #89838A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89838A
}
```

Border

The CSS property to change the border of an element to Hex 89838A 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
#89838A }
```

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

```
.border{ border-color:#89838A }
```

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

Here you see how a box with a 4 pixel #89838A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89838A; -webkit-box-shadow:4px 4px  
4px 4px #89838A; box-shadow:4px 4px 4px  
4px #89838A }
```

Background

The CSS property to change the background color of an element to Hex 89838A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89838A }
```

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

```
.background{ background-color:#89838A }
```

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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