

# Converting Colors

Hex(8C938A)

Have a look what the booklet for  
Hex(8C938A) contains.

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# Color

Hex(8C938A)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C938A
RGB	140, 147, 138
RGB Percent	55%, 58%, 54%
CMY	0.4510, 0.4235, 0.4588
CMYK	0.05, 0.00, 0.06, 0.42
HSL	107°, 4%, 56%
HSV	107°, 6%, 58%
XYZ	25.8364, 28.2779, 28.1412
YIQ	143.8810, -1.2830, -4.2830

# Conversions

## Conversions Part 2

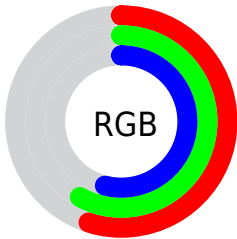
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 147, 145
Decimal	9212810
CIELab	60.14, -4.29, 3.88
CIELCh	60, 5.785, 137.907
Yxy	28.2779, 0.3141, 0.3438
Android (android.graphics.Color)	4287402890 (0xFF8C938A)
YUV	143.8810, -2.8993, -3.4036
Hunter-Lab	53.1769, -6.3342, 5.8476

# Details

The Hex color **8C938A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **918A93**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C2C9BF**, and **5A6058** is the 20% darker color. If you saturate the color by 10%, you get **81937B**, and if you desaturate by 10%, it is **979399**.

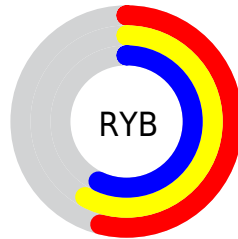
# Distribution



Red (55%)

Green (58%)

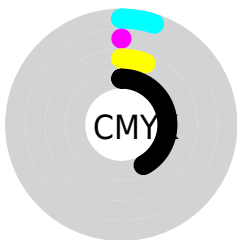
Blue (54%)



Red (54%)

Yellow (58%)

Blue (57%)

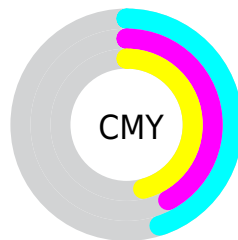


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (42%)



Cyan (45%)

Magenta (42%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C938A 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 8C938A by changing the saturation by 10% instead.





8C938A



8C938A

FFFFFF



737971



C2C9BF



5A6058



DDE5DB



434941



FAFFF8



2C322B



181D16



000100



000000



8C938A



8C938A



81937B



979399

 75936D

 A393A7

 6A935E

 AE93B6

 5E934F

 BA93C5

 539341

 C593D3

 479332

 D193E2

 3C9323

 DC93F1

 319314

 E793FF

 259306

 F393FF

# Harmonies

## Analogous

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



929287



8C938A



87948F

# Triad

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



8C938A



8A929B



9C8E8E

# Complementary

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



8C938A



918A93

# 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.



9A8E93



8C938A



90909B

# Square

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



8C938A



869398



968F98



9B8E8A

# Rectangle

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



8C938A



859492



968F98



9C8E90



# Sweetspot

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



8C938A



BCBFBB



93918A



5F615F



E0E0E0



616161



# Same Dimension

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



8C938A



B5BFB2



8A938C



454A44



1F8A00



020A00



# Inverse Universe

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



918A93



BCB2BF



938A91



49444A



6B008A



08000A



# Previews

## White Background



This preview shows how the Hex color 8C938A looks on a white background.

## Color Contrast Check

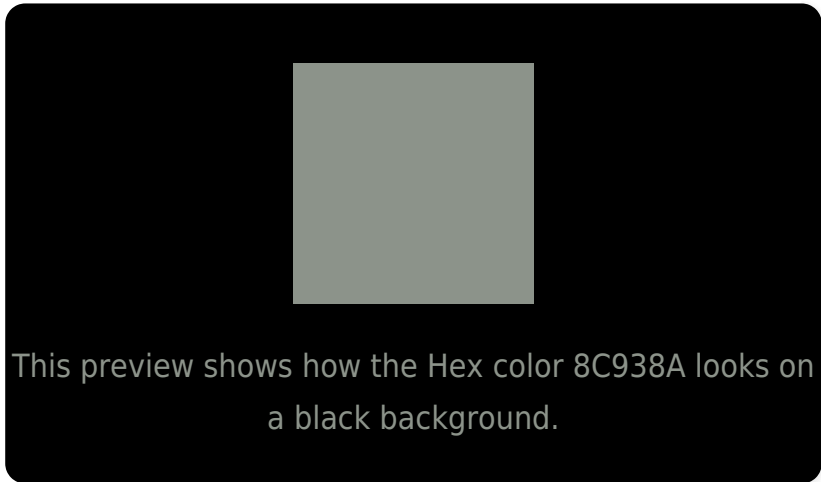
Large Text (above 18pt) WCAG AA ✓ Pass

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

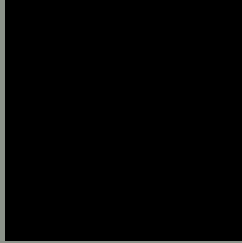
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

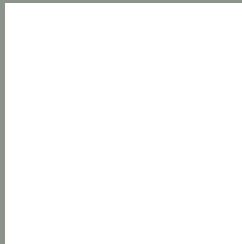
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C938A Background



This preview shows how black text looks on a background with the Hex color 8C938A.



This preview shows how white text looks on a background with the Hex color 8C938A.

# 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**  
8C938A

**Protanopia**  
959088

**Deuteranopia**  
A18C8B



**Tritanopia**  
8F909C

# Trichromacy



**Original Color**  
8C938A

**Protanomaly**  
929189

**Deuteranomaly**  
998F8B

**Tritanomaly**  
8E9195

# Monochromacy



**Original Color**  
8C938A

**Achromatopsia**  
909090

**Achromatomaly**  
8F918E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C938A 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 #8C938A looks like.

```
.text, #text, p{  
    color:#8C938A  
}
```

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 #8C938A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C938A
}
```

## Border

The CSS property to change the border of an element to Hex 8C938A 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
#8C938A }
```

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

```
.border{ border-color:#8C938A }
```

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

Here you see how a box with a 4 pixel #8C938A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C938A; -webkit-box-shadow:4px 4px  
4px 4px #8C938A; box-shadow:4px 4px 4px  
4px #8C938A }
```

# Background

The CSS property to change the background color of an element to Hex 8C938A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C938A }
```

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

```
.background{ background-color:#8C938A }
```

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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