

# Converting Colors

Hex(838E92)

Have a look what the booklet for  
Hex(838E92) contains.

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# Color

**Hex(838E92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838E92
RGB	131, 142, 146
RGB Percent	51%, 56%, 57%
CMY	0.4863, 0.4431, 0.4275
CMYK	0.10, 0.03, 0.00, 0.43
HSL	196°, 6%, 54%
HSV	196°, 10%, 57%
XYZ	24.2214, 26.2466, 30.9836
YIQ	139.1670, -7.8400, -1.0880

# Conversions

## Conversions Part 2

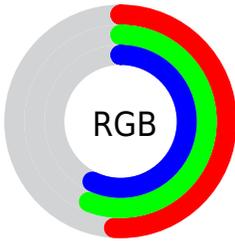
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 137, 146
Decimal	8621714
CIE <sub>Lab</sub>	58.27, -3.13, -3.50
CIE <sub>LCh</sub>	58, 4.695, 228.140
Yxy	26.2466, 0.2974, 0.3222
Android (android.graphics.Color)	4286811794 (0xFF838E92)
YUV	139.1670, 3.3687, -7.1625
Hunter-Lab	51.2315, -5.2632, 0.0048

# Details

The Hex color **838E92** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **928783**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B8C4C8**, and **525C60** is the 20% darker color. If you saturate the color by 10%, you get **748A92**, and if you desaturate by 10%, it is **929292**.

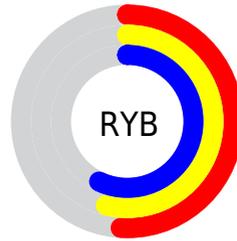
# Distribution



Red (51%)

Green (56%)

Blue (57%)



Red (51%)

Yellow (54%)

Blue (57%)

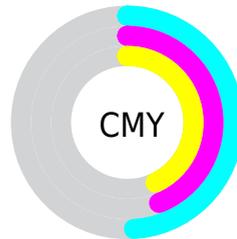


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (49%)

Magenta (44%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838E92 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 838E92 by changing the saturation by 10% instead.

■ 838E92

■ 838E92

FFFFFF

■ 6A7478

■ B8C4C8

■ 525C60

■ D4E0E4

■ 3A4448

■ F0FCFF

■ 252E31

■ 10191D

■ 000001

■ 000000

■ 838E92

■ 838E92

■ 748A92

■ 929292

668692

A09692

578292

AF9A92

497E92

BD9E92

3A7B92

CCA192

2B7792

DBA592

1D7392

E9A992

0E6F92

F8AD92

006B92

FFB192

# Harmonies

## Analogous

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



828F8E



838E92



868D94

# Triad

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



838E92



948A8E



8D8D84

# Complementary

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



838E92



928783

# 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.



918B84



838E92



95898A

# Square

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



838E92



908A92



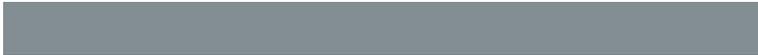
948A86



888E87

# Rectangle

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



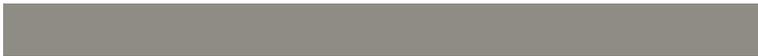
838E92



898C94



948A86



8E8C84

# Sweetspot

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



838E92



B7BBBD



839287



5B5D5E



DEDEDE



5E5E5E



# Same Dimension

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



838E92



A6B7BD



838792



43484A



00658A

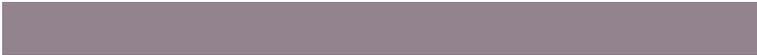


00070A



# Inverse Universe

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



92838E



BDA6B7



928E83



4A4348



8A0065



0A0007



# Previews

## White Background



This preview shows how the Hex color 838E92 looks on a white background.

## Color Contrast Check

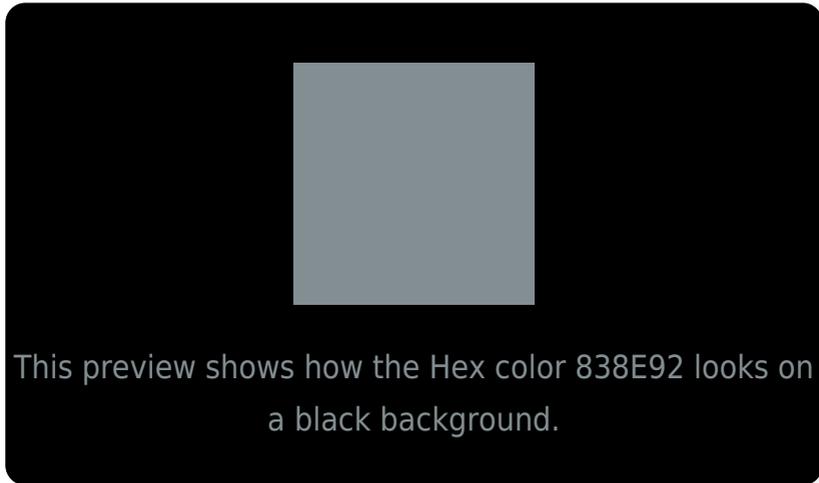
Large Text (above 18pt) WCAG AA ✓ Pass

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

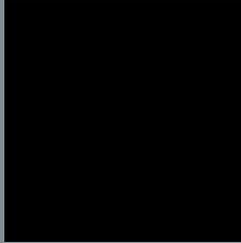
Any Text WCAG AA ✓ Pass

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 838E92 Background



This preview shows how black text looks on a background with the Hex color 838E92.



This preview shows how white text looks on a background with the Hex color 838E92.

# 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**  
838E92

**Protanopia**  
8D8B90

**Deuteranopia**  
968893



**Tritanopia**  
848D98

# Trichromacy



**Original Color**  
838E92

**Protanomaly**  
898C91

**Deuteranomaly**  
8F8A93

**Tritanomaly**  
848D96

# Monochromacy



**Original Color**  
838E92

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
888C8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838E92 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 #838E92 looks like.

```
.text, #text, p{  
    color:#838E92  
}
```

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 #838E92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838E92
}
```

## Border

The CSS property to change the border of an element to Hex 838E92 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
#838E92 }
```

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

```
.border{ border-color:#838E92 }
```

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

Here you see how a box with a 4 pixel #838E92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838E92; -webkit-box-shadow:4px 4px  
4px 4px #838E92; box-shadow:4px 4px 4px  
4px #838E92 }
```

# Background

The CSS property to change the background color of an element to Hex 838E92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838E92 }
```

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

```
.background{ background-color:#838E92 }
```

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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