

# Converting Colors

Hex(838D94)

Have a look what the booklet for  
Hex(838D94) contains.

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# Color

Hex(838D94)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838D94
RGB	131, 141, 148
RGB Percent	51%, 55%, 58%
CMY	0.4863, 0.4471, 0.4196
CMYK	0.11, 0.05, 0.00, 0.42
HSL	205°, 7%, 55%
HSV	205°, 11%, 58%
XYZ	24.2302, 26.0132, 31.7609
YIQ	138.8080, -8.2070, 0.0570

# Conversions

## Conversions Part 2

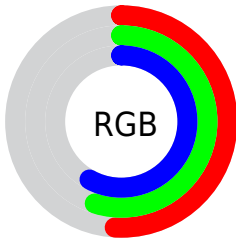
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 137, 148
Decimal	8621460
CIE <sub>Lab</sub>	58.05, -2.14, -4.97
CIE <sub>LCh</sub>	58, 5.410, 246.676
Yxy	26.0132, 0.2955, 0.3172
Android (android.graphics.Color)	4286811540 (0xFF838D94)
YUV	138.8080, 4.5317, -6.8476
Hunter-Lab	51.0031, -4.4547, -1.2192

# Details

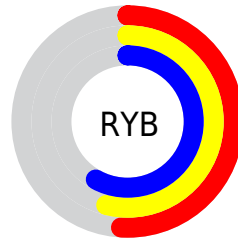
The Hex color **838D94** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **948A83**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B8C3CA**, and **525B61** is the 20% darker color. If you saturate the color by 10%, you get **748794**, and if you desaturate by 10%, it is **929394**.

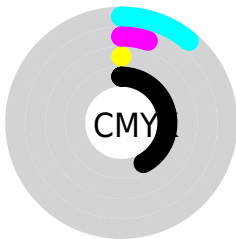
# Distribution



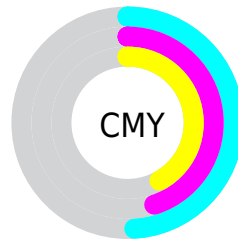
- Red (51%)
- Green (55%)
- Blue (58%)



- Red (51%)
- Yellow (54%)
- Blue (58%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (45%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838D94 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 838D94 by changing the saturation by 10% instead.





838D94



838D94

FFFFFF



6A737A



B8C3CA



525B61



D4DEE6



3A444A



F0FBFF



252D33



10191E



000004



000000



838D94



838D94



748794



929394

658194

A19994

577B94

AF9F94

487594

BEA594

396F94

CDAB94

2A6894

DCB294

1B6294

EBB894

0D5C94

F9BE94

005794

FFC494

# Harmonies

## Analogous

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



808E91



838D94



888C95

# Triad

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



838D94



96888B



898D84

# Complementary

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



838D94



948A83

# 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.



8E8B82



838D94



968986

# Square

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



838D94



93898F



938A83



848E88

# Rectangle

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



838D94



8C8A94



938A83



8B8C83



# Sweetspot

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



838D94



BABDBF



83948A



5D5F61



E0E0E0



616161



# Same Dimension

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



838D94



A4B4BF



838594



43474A



00518A



00060A



# Inverse Universe

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



94838D



BFA4B4



949283



4A4347



8A0051



0A0006



# Previews

## White Background



This preview shows how the Hex color 838D94 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

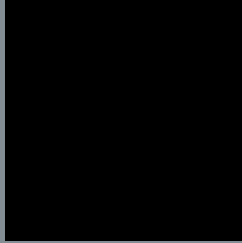
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

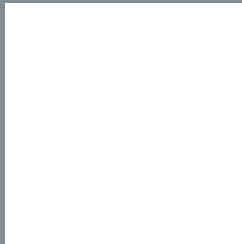
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 838D94 Background



This preview shows how black text looks on a background with the Hex color 838D94.



This preview shows how white text looks on a background with the Hex color 838D94.

# 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**

838D94

**Protanopia**

8C8B93

**Deuteranopia**

948795



**Tritanopia**  
848C98

# Trichromacy



**Original Color**  
838D94

**Protanomaly**  
898C93

**Deuteranomaly**  
8E8995

**Tritanomaly**  
848C97

# Monochromacy



**Original Color**  
838D94

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
888C8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838D94 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 #838D94 looks like.

```
.text, #text, p{  
    color:#838D94  
}
```

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 #838D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838D94  
}
```

## Border

The CSS property to change the border of an element to Hex 838D94 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  
#838D94 }
```

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

```
.border{ border-color:#838D94 }
```

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

Here you see how a box with a 4 pixel #838D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838D94; -webkit-box-shadow:4px 4px  
4px 4px #838D94; box-shadow:4px 4px 4px  
4px #838D94 }
```

# Background

The CSS property to change the background color of an element to Hex 838D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838D94 }
```

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

```
.background{ background-color:#838D94 }
```

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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