

# Converting Colors

Hex(838397)

Have a look what the booklet for  
Hex(838397) contains.

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# Color

**Hex(838397)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838397
RGB	131, 131, 151
RGB Percent	51%, 51%, 59%
CMY	0.4863, 0.4863, 0.4078
CMYK	0.13, 0.13, 0.00, 0.41
HSL	240°, 9%, 55%
HSV	240°, 13%, 59%
XYZ	23.0623, 23.2923, 32.5585
YIQ	133.2800, -6.4200, 6.2200

# Conversions

## Conversions Part 2

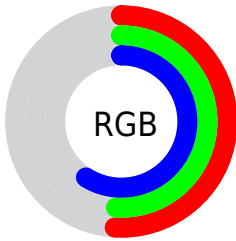
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 131, 151
Decimal	8618903
CIE <sub>Lab</sub>	55.37, 4.22, -10.69
CIE <sub>LCh</sub>	55, 11.489, 291.552
Yxy	23.2923, 0.2922, 0.2952
Android (android.graphics.Color)	4286808983 (0xFF838397)
YUV	133.2800, 8.7360, -1.9996
Hunter-Lab	48.2621, 0.8386, -6.2147

# Details

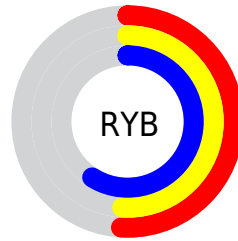
The Hex color **838397** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **979783**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B8B8CD**, and **515264** is the 20% darker color. If you saturate the color by 10%, you get **747497**, and if you desaturate by 10%, it is **929297**.

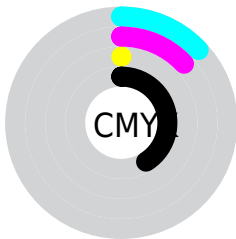
# Distribution



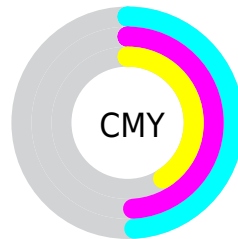
- Red (51%)
- Green (51%)
- Blue (59%)



- Red (51%)
- Yellow (51%)
- Blue (59%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (49%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838397 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 838397 by changing the saturation by 10% instead.



■ 838397

■ 838397

FFFFFF

■ 6A6A7D

■ B8B8CD

■ 515264

■ D4D4E9

■ 3A3B4C

■ F0F0FF

■ 242535

■ 101020

■ 000007

■ 000000

■ 838397

■ 838397

■ 747497

■ 929297

656597

A1A197

565697

B0B097

474797

BFBF97

373797

CFCF97

282897

DEDE97

191997

EDED97

0A0A97

FCFC97

000097

FFFF97

# Harmonies

## Analogous

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



768698



838397



8F8091

# Triad

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



838397



978075



708A81

# Complementary

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



838397



979783

# 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.



798978



838397



8F8371

# Square

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



838397



9A7E7E



858672



6B8A8B

# Rectangle

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



838397



957E8B



858672



738A7E

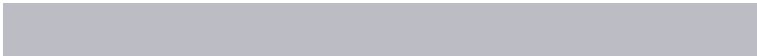


# Sweetspot

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



838397



BCBCC4



839797



5E5E63



E3E3E3



636363



# Same Dimension

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



838397



A5A5C4



8D8397



45454D



00008C



00000D



# Inverse Universe

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



978397



C4A5C4



8D9783



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 838397 looks on a white background.

## Color Contrast Check

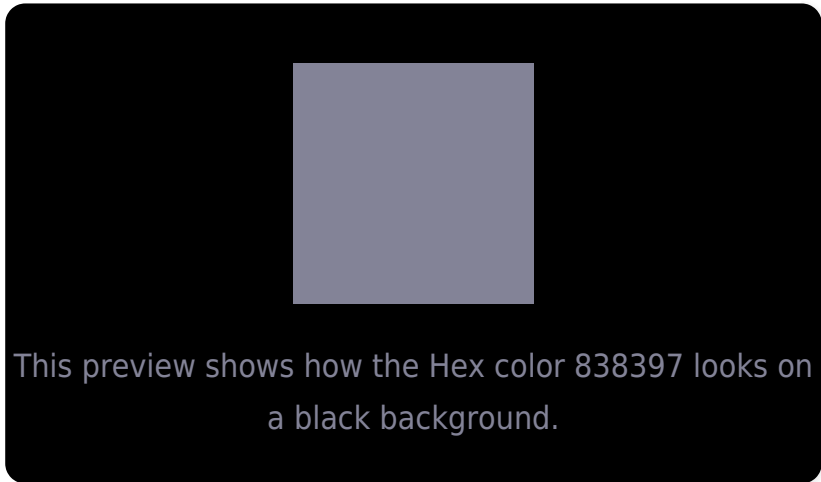
Large Text (above 18pt) WCAG AA ✓ Pass

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

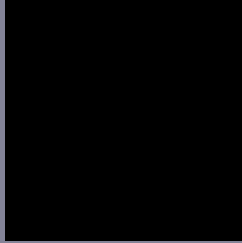
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

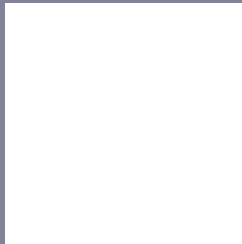
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 838397 Background



This preview shows how black text looks on a background with the Hex color 838397.



This preview shows how white text looks on a background with the Hex color 838397.

# 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**  
838397

**Protanopia**  
818497

**Deuteranopia**  
888197



**Tritanopia**  
82848F

# Trichromacy



**Original Color**  
838397

**Protanomaly**  
828497

**Deuteranomaly**  
868297

**Tritanomaly**  
828492

# Monochromacy



**Original Color**  
838397

**Achromatopsia**  
858585

**Achromatomaly**  
84848C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838397 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 #838397 looks like.

```
.text, #text, p{  
    color:#838397  
}
```

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 #838397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838397
}
```

## Border

The CSS property to change the border of an element to Hex 838397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

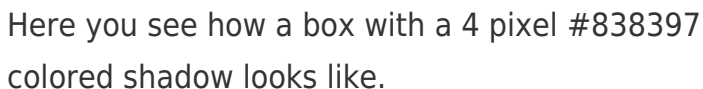
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838397 }
```

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

```
.border{ border-color:#838397 }
```

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



Here you see how a box with a 4 pixel #838397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838397; -webkit-box-shadow:4px 4px  
4px 4px #838397; box-shadow:4px 4px 4px  
4px #838397 }
```

# Background

The CSS property to change the background color of an element to Hex 838397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838397 }
```

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

```
.background{ background-color:#838397 }
```

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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