

# Converting Colors

Hex(838BA4)

Have a look what the booklet for  
Hex(838BA4) contains.

<b>Hex(838BA4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(838BA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838BA4
RGB	131, 139, 164
RGB Percent	51%, 55%, 64%
CMY	0.4863, 0.4549, 0.3569
CMYK	0.20, 0.15, 0.00, 0.36
HSL	225°, 15%, 58%
HSV	225°, 20%, 64%
XYZ	25.2935, 25.9709, 38.8017
YIQ	139.4580, -12.7930, 6.0790

# Conversions

## Conversions Part 2

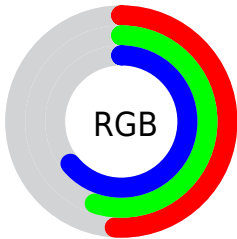
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 137, 164
Decimal	8620964
CIE <sub>Lab</sub>	58.01, 2.60, -14.19
CIE <sub>LCh</sub>	58, 14.429, 280.390
Yxy	25.9709, 0.2808, 0.2884
Android (android.graphics.Color)	4286811044 (0xFF838BA4)
YUV	139.4580, 12.0992, -7.4177
Hunter-Lab	50.9616, -0.5888, -9.4697

# Details

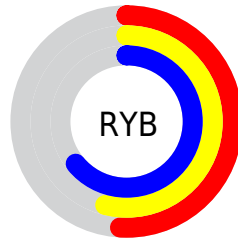
The Hex color **838BA4** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A49C83**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B8C0DB**, and **515970** is the 20% darker color. If you saturate the color by 10%, you get **737FA4**, and if you desaturate by 10%, it is **9397A4**.

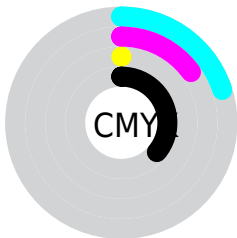
# Distribution



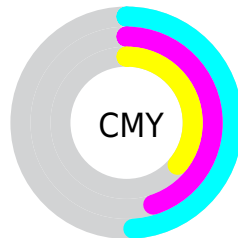
- Red (51%)
- Green (55%)
- Blue (64%)



- Red (51%)
- Yellow (54%)
- Blue (64%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838BA4 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 838BA4 by changing the saturation by 10% instead.





838BA4



838BA4

FFFFFF



6A728A



B8C0DB



515970



D4DCF7



3A4258



F1F9FF



232C40



0D172A



000116



000000



838BA4



838BA4



737FA4



9397A4

■ 6272A4

■ A4A4A4

■ 5266A4

■ B4B0A4

■ 4159A4

■ C5BDA4

■ 314DA4

■ D5C9A4

■ 2140A4

■ E5D6A4

■ 1034A4

■ F6E2A4

■ 0028A4

■ FFEEA4

■ FFFBA4

# Harmonies

## Analogous

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



748FA3



838BA4



93879F

# Triad

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



838BA4



A5847C



759283

# Complementary

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



838BA4



A49C83

# 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.



829078



838BA4



9D8874

# Square

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



838BA4



A68387



918C73



6C938F

# Rectangle

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



838BA4



9C8498



918C73



79917F

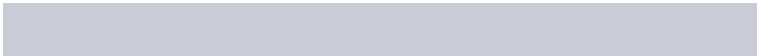


# Sweetspot

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



838BA4



C9CCD6



83A49C



64656B



EBEBEB



6B6B6B



# Same Dimension

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



838BA4



A3AFD6



8B83A4



494B52



002391



000412



# Inverse Universe

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



A4838B



D6A3AF



9CA483



52494B



910023

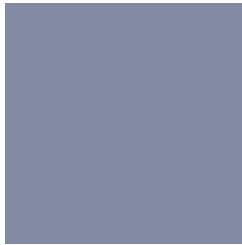


120004



# Previews

## White Background



This preview shows how the Hex color 838BA4 looks on a white background.

## Color Contrast Check

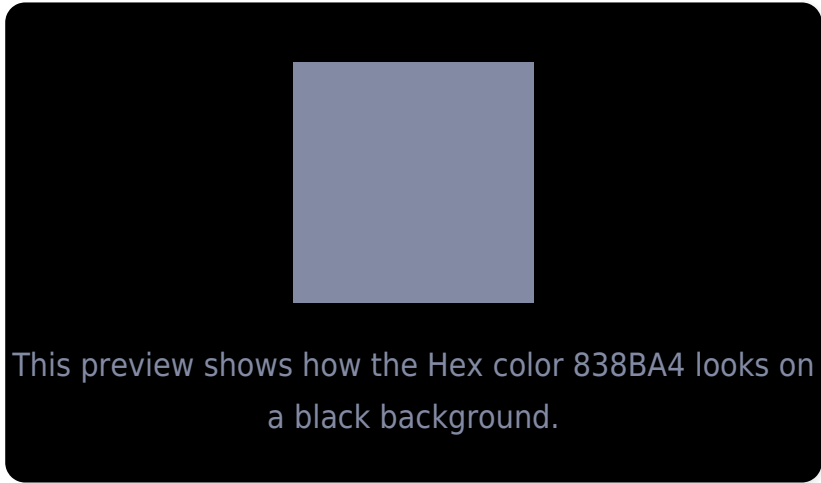
Large Text (above 18pt) WCAG AA ✓ Pass

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

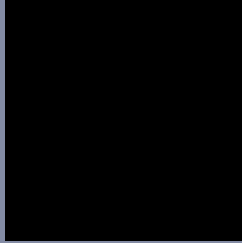
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

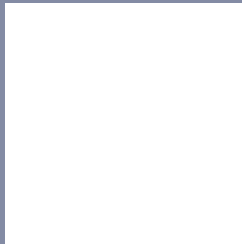
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 838BA4 Background



This preview shows how black text looks on a background with the Hex color 838BA4.



This preview shows how white text looks on a background with the Hex color 838BA4.

# 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**

838BA4

**Protanopia**

868AA3

**Deuteranopia**

8C88A5



**Tritanopia**  
818D98

# Trichromacy



**Original Color**  
838BA4

**Protanomaly**  
858AA3

**Deuteranomaly**  
8989A5

**Tritanomaly**  
828C9C

# Monochromacy



**Original Color**  
838BA4

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
888B94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838BA4 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 #838BA4 looks like.

```
.text, #text, p{  
    color:#838BA4  
}
```

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 #838BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838BA4
}
```

## Border

The CSS property to change the border of an element to Hex 838BA4 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
#838BA4 }
```

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

```
.border{ border-color:#838BA4 }
```

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

Here you see how a box with a 4 pixel #838BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838BA4; -webkit-box-shadow:4px 4px  
4px 4px #838BA4; box-shadow:4px 4px 4px  
4px #838BA4 }
```

# Background

The CSS property to change the background color of an element to Hex 838BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838BA4 }
```

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

```
.background{ background-color:#838BA4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor