

# Converting Colors

Hex(838BE2)

Have a look what the booklet for  
Hex(838BE2) contains.

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# Color

**Hex(838BE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	838BE2
RGB	131, 139, 226
RGB Percent	51%, 55%, 89%
CMY	0.4863, 0.4549, 0.1137
CMYK	0.42, 0.38, 0.00, 0.11
HSL	235°, 62%, 70%
HSV	235°, 42%, 89%
XYZ	32.3202, 28.7815, 75.8034
YIQ	146.5260, -32.6950, 25.3610

# Conversions

## Conversions Part 2

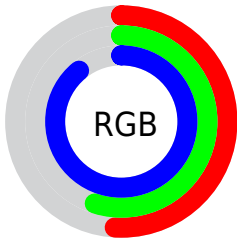
Format	Color
<a href="#">RYB</a>	<a href="#">131, 138, 226</a>
Decimal	<a href="#">8621026</a>
CIELab	<a href="#">60.59, 18.87, -45.21</a>
CIELCh	<a href="#">61, 48.989, 292.655</a>
Yxy	<a href="#">28.7815, 0.2361, 0.2102</a>
Android (android.graphics.Color)	<a href="#">4286811106 (0xFF838BE2)</a>
YUV	<a href="#">146.5260, 39.1807, -13.6163</a>
Hunter-Lab	<a href="#">53.6484, 13.6515, -46.2209</a>

# Details

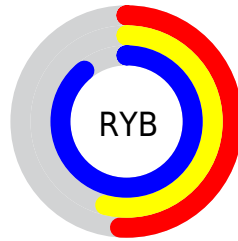
The Hex color **838BE2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2DA83**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BBC0FF**, and **4B59AA** is the 20% darker color. If you saturate the color by 10%, you get **6C76E2**, and if you desaturate by 10%, it is **9AA0E2**.

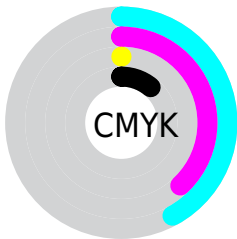
# Distribution



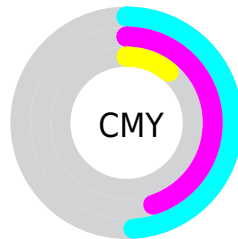
- Red (51%)
- Green (55%)
- Blue (89%)



- Red (51%)
- Yellow (54%)
- Blue (89%)



- Cyan (42%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (45%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838BE2 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 838BE2 by changing the saturation by 10% instead.



838BE2

838BE2

FFFFFF

6772C6

BBC0FF

4B59AA

D8DCFF

2E428F

F6F9FF

042C75

00185C

000044

00032D

000117

000000

■ 838BE2

■ 838BE2

■ 6C76E2

■ 9AA0E2

■ 5662E2

■ B0B4E2

■ 3F4DE2

■ C7C9E2

■ 2938E2

■ DDDEE2

■ 1224E2

■ F4F2E2

■ 0013E2

■ FFFFE2

# Harmonies

## Analogous

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



009AE8



838BE2



BD7AC7

# Triad

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



838BE2



D37C4E



00A786

# Complementary

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



838BE2



E2DA83

# 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.



56A35C



838BE2



B48C39

# Square

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



838BE2



E26F73



8A9A3E



00A7B2

# Rectangle

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



838BE2



D570AD



8A9A3E



16A677



# Sweetspot

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



838BE2



DEE1FF



83E2D9



6B6D80



000000



808080



# Same Dimension

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



838BE2



808AFF



A983E2



656670



000FB0



000430



# Inverse Universe

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



E2838B



FF808A



BCE283



706566



B0000F

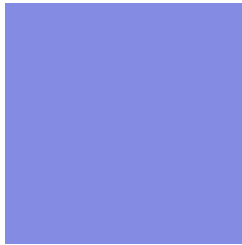


300004



# Previews

## White Background



This preview shows how the Hex color 838BE2 looks on a white background.

## Color Contrast Check

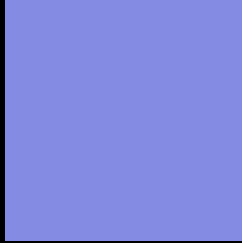
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 838BE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

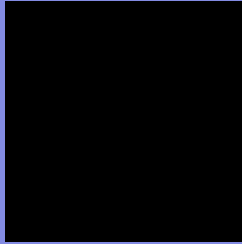
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 838BE2 Background



This preview shows how black text looks on a background with the Hex color 838BE2.

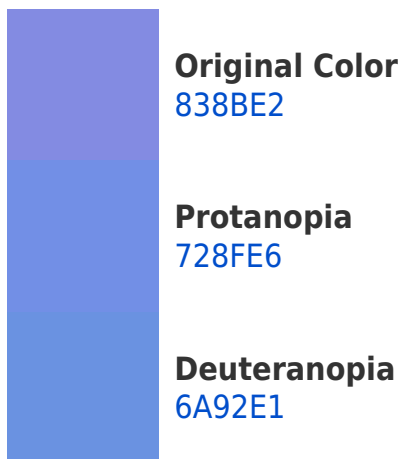


This preview shows how white text looks on a background with the Hex color 838BE2.

# 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](#).

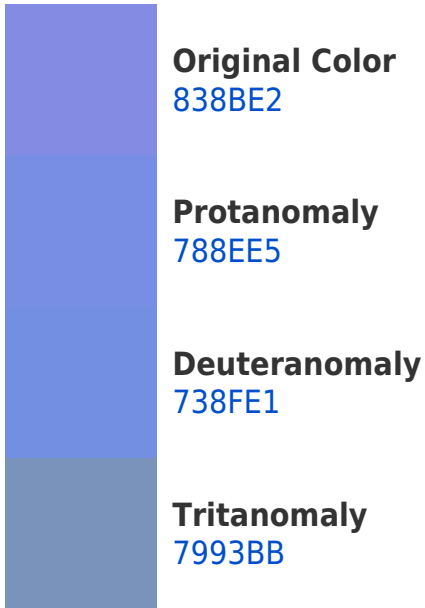
## Dichromacy





**Tritanopia**  
7398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838BE2 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 #838BE2 looks like.

```
.text, #text, p{  
    color:#838BE2  
}
```

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 #838BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838BE2
}
```

## Border

The CSS property to change the border of an element to Hex 838BE2 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
#838BE2 }
```

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

```
.border{ border-color:#838BE2 }
```

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

Here you see how a box with a 4 pixel #838BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838BE2; -webkit-box-shadow:4px 4px  
4px 4px #838BE2; box-shadow:4px 4px 4px  
4px #838BE2 }
```

# Background

The CSS property to change the background color of an element to Hex 838BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838BE2 }
```

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

```
.background{ background-color:#838BE2 }
```

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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