

Converting Colors

Hex(838BD5)

Have a look what the booklet for
Hex(838BD5) contains.

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Color

Hex(838BD5)

Conversions

Conversions Part 1

Format	Color
Hex	838BD5
RGB	131, 139, 213
RGB Percent	51%, 55%, 84%
CMY	0.4863, 0.4549, 0.1647
CMYK	0.38, 0.35, 0.00, 0.16
HSL	234°, 49%, 67%
HSV	234°, 38%, 84%
XYZ	30.6029, 28.0946, 66.7606
YIQ	145.0440, -28.5220, 21.3180

Conversions

Conversions Part 2

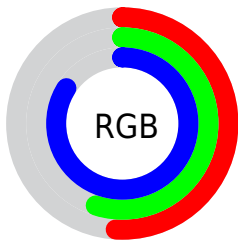
Format	Color
RYB	131, 138, 213
Decimal	8621013
CIELab	59.97, 15.22, -38.92
CIELCh	60, 41.791, 291.363
Yxy	28.0946, 0.2439, 0.2239
Android (android.graphics.Color)	4286811093 (0xFF838BD5)
YUV	145.0440, 33.5023, -12.3166
Hunter-Lab	53.0044, 10.3022, -37.5745

Details

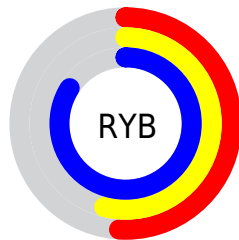
The Hex color **838BD5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5CD83**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BBC0FF**, and **4D599E** is the 20% darker color. If you saturate the color by 10%, you get **6E78D5**, and if you desaturate by 10%, it is **989ED5**.

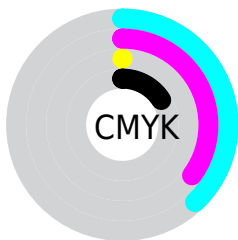
Distribution



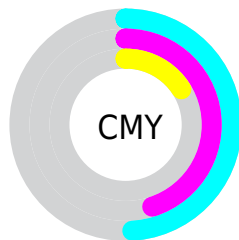
- Red (51%)
- Green (55%)
- Blue (84%)



- Red (51%)
- Yellow (54%)
- Blue (84%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838BD5 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 838BD5 by changing the saturation by 10% instead.

 838BD5

 838BD5

FFFFFF

 6872B9

 BBC0FF

 4D599E

 D7DCFF

 324284

 F4F9FF

 122C6A

 001851

 00003A

 000223

 00000B

 000000

 838BD5

 838BD5

 6E78D5

 989ED5

 5865D5

 AEB1D5

 4351D5

 C3C5D5

 2E3ED5

 D8D8D5

 182BD5

 EEEBD5

 0318D5

 FFFED5

 0015D5

 FFFF5D5

Harmonies

Analogous

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



3698D9



838BD5



B47DBF

Triad

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



838BD5



CA7D58



1FA384

Complementary

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



838BD5



D5CD83

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.



629F61



838BD5



B08B47

Square

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



838BD5



D67478



8D964A



00A3AA

Rectangle

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



838BD5



C976A9



8D964A



3CA278

Sweetspot

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



838BD5



E0E3FF



83D5CD



6E6F80



000000



808080

Same Dimension

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



838BD5



8A95FF



A483D5



60616B



0011AB



00042B

Inverse Universe

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



D5838B



FF8A95



B4D583



6B6061



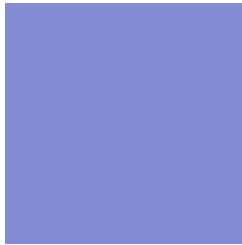
AB0011



2B0004

Previews

White Background



This preview shows how the Hex color 838BD5 looks on a white background.

Color Contrast Check

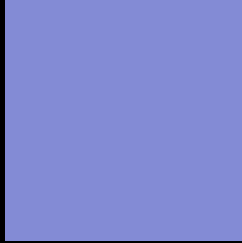
Large Text (above 18pt) WCAG AA ✓ Pass

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 838BD5 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 838BD5 Background



This preview shows how black text looks on a background with the Hex color 838BD5.

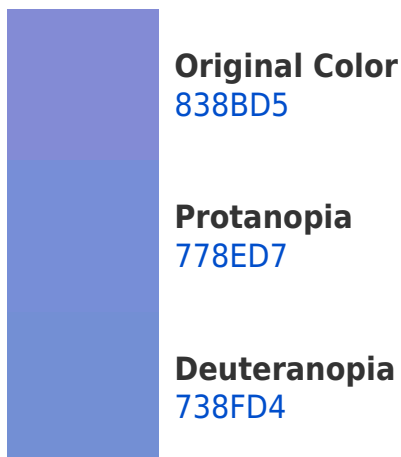


This preview shows how white text looks on a background with the Hex color 838BD5.

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](#).

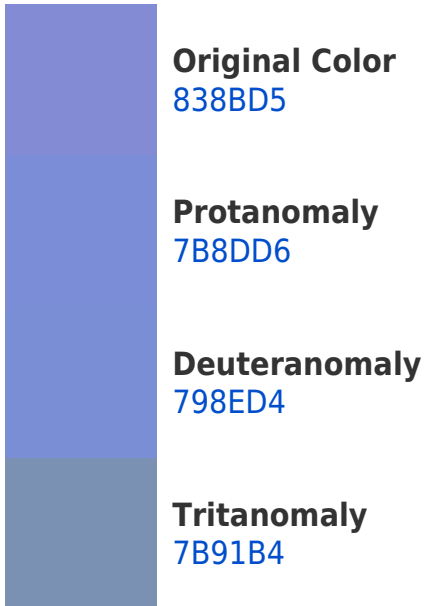
Dichromacy



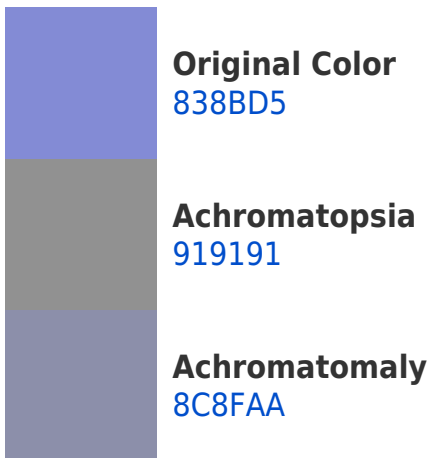


Tritanopia
7795A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 838BD5 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 #838BD5 looks like.

```
.text, #text, p{  
    color:#838BD5  
}
```

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 #838BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838BD5  
}
```

Border

The CSS property to change the border of an element to Hex 838BD5 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  
#838BD5 }
```

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

```
.border{ border-color:#838BD5 }
```

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

Here you see how a box with a 4 pixel #838BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838BD5; -webkit-box-shadow:4px 4px  
4px 4px #838BD5; box-shadow:4px 4px 4px  
4px #838BD5 }
```

Background

The CSS property to change the background color of an element to Hex 838BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838BD5 }
```

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

```
.background{ background-color:#838BD5 }
```

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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