

Converting Colors

Hex(4838B5)

Have a look what the booklet for
Hex(4838B5) contains.

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Color

Hex(4838B5)

Conversions

Conversions Part 1

Format	Color
Hex	4838B5
RGB	72, 56, 181
RGB Percent	28%, 22%, 71%
CMY	0.7176, 0.7804, 0.2902
CMYK	0.60, 0.69, 0.00, 0.29
HSL	248°, 53%, 46%
HSV	248°, 69%, 71%
XYZ	12.4271, 7.5423, 44.5169
YIQ	75.0340, -30.5890, 42.2670

Conversions

Conversions Part 2

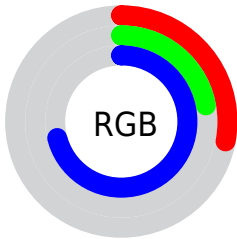
Format	Color
R_{YB}	72, 56, 181
Decimal	4733109
CIE _{Lab}	33.01, 42.52, -63.94
CIE _{LCh}	33, 76.787, 303.625
Yxy	7.5423, 0.1927, 0.1170
Android (android.graphics.Color)	4282923189 (0xFF4838B5)
YUV	75.0340, 52.2412, -2.6608
Hunter-Lab	27.4632, 32.7111, -76.8829

Details

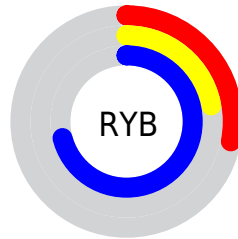
The Hex color **4838B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A5B538**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8469EE**, and **000A7F** is the 20% darker color. If you saturate the color by 10%, you get **3826B5**, and if you desaturate by 10%, it is **584AB5**.

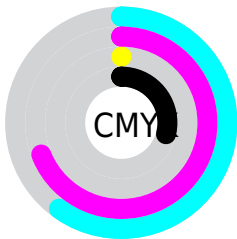
Distribution



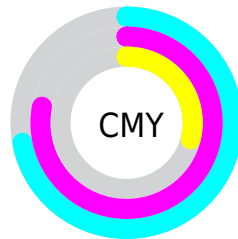
- Red (28%)
- Green (22%)
- Blue (71%)



- Red (28%)
- Yellow (22%)
- Blue (71%)



- Cyan (60%)
- Magenta (69%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (78%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4838B5 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 4838B5 by changing the saturation by 10% instead.

 4838B5

 4838B5

FFFFFF

 25219A

 8469EE

 000A7F

 A182FF

 000065

 BE9DFF

 00004C

 DCB8FF

 000434

 FAD4FF

 00021E

 FFF0FF

 000000

 4838B5

 4838B5

 3826B5

 584AB5

■ 2814B5

■ 685CB5

■ 1902B5

■ 776EB5

■ 1700B5

■ 8780B5

■ 9793B5

■ A7A5B5

■ B6B7B5

■ C6C9B5

■ D6DBB5

Harmonies

Analogous

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



0055CA



4838B5



980085

Triad

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



4838B5



883300



006454

Complementary

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



4838B5



A5B538

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.



00620E



4838B5



594E00

Square

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



4838B5



A8000D



085C00



006590

Rectangle

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



4838B5



AD005D



085C00



00633E

Sweetspot

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



4838B5



C0B9EB



38A6B5



5C5875



F5F5F5



757575

Same Dimension

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



4838B5



4128EB



8538B5



515059



140099



03001A

Inverse Universe

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



B538A5



EB28D2



68B538



595058



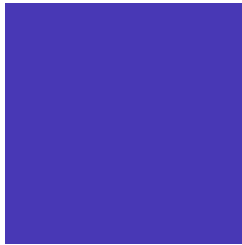
990085



1A0016

Previews

White Background



This preview shows how the Hex color 4838B5 looks on a white background.

Color Contrast Check

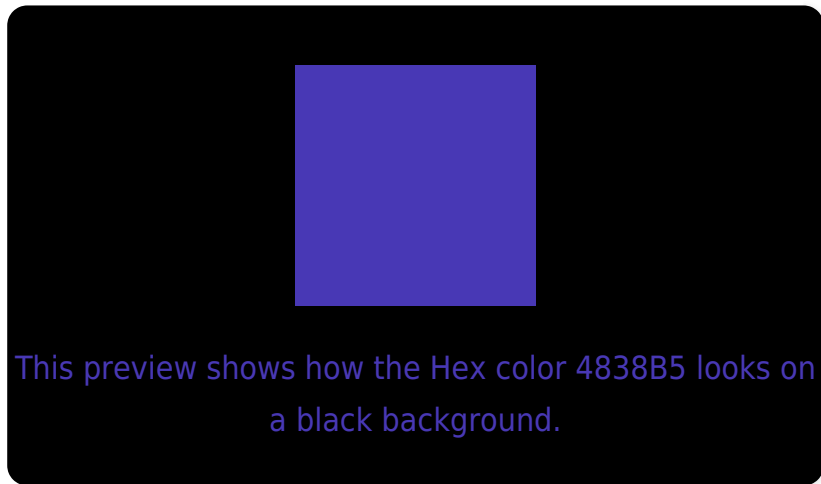
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

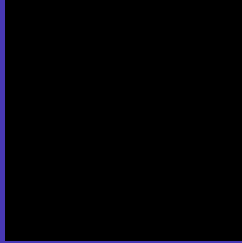
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4838B5 Background



This preview shows how black text looks on a background with the Hex color 4838B5.

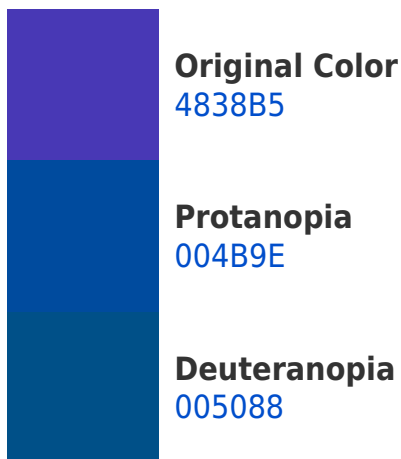


This preview shows how white text looks on a background with the Hex color 4838B5.

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



Trichromacy



Original Color
4838B5

Protanomaly
1A44A6

Deuteranomaly
1A4798

Tritanomaly
2D4A7C

Monochromacy



Original Color
4838B5

Achromatopsia
4B4B4B

Achromatomaly
4A4472

CSS Examples

Text

The CSS property to change the color of the text to Hex 4838B5 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 #4838B5 looks like.

```
.text, #text, p{  
    color:#4838B5  
}
```

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 #4838B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4838B5
}
```

Border

The CSS property to change the border of an element to Hex 4838B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

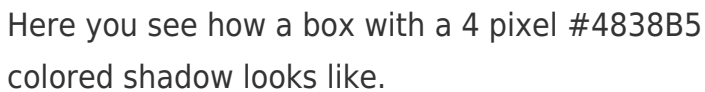
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4838B5 }
```

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

```
.border{ border-color:#4838B5 }
```

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



Here you see how a box with a 4 pixel #4838B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4838B5; -webkit-box-shadow:4px 4px  
4px 4px #4838B5; box-shadow:4px 4px 4px  
4px #4838B5 }
```

Background

The CSS property to change the background color of an element to Hex 4838B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4838B5 }
```

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

```
.background{ background-color:#4838B5 }
```

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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