

Converting Colors

Hex(4638C3)

Have a look what the booklet for
Hex(4638C3) contains.

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Color

Hex(4638C3)

Conversions

Conversions Part 1

Format	Color
Hex	4638C3
RGB	70, 56, 195
RGB Percent	27%, 22%, 76%
CMY	0.7255, 0.7804, 0.2353
CMYK	0.64, 0.71, 0.00, 0.24
HSL	246°, 55%, 49%
HSV	246°, 71%, 76%
XYZ	13.7903, 8.0706, 52.4607
YIQ	76.0320, -36.2750, 46.1970

Conversions

Conversions Part 2

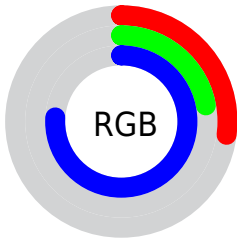
Format	Color
R_{YB}	70, 56, 195
Decimal	4602051
CIE _{Lab}	34.13, 46.66, -70.36
CIE _{LCh}	34, 84.425, 303.549
Yxy	8.0706, 0.1855, 0.1086
Android (android.graphics.Color)	4282792131 (0xFF4638C3)
YUV	76.0320, 58.6512, -5.2901
Hunter-Lab	28.4087, 36.9329, -89.6011

Details

The Hex color **4638C3** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B5C338**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8469FD**, and **00098C** is the 20% darker color. If you saturate the color by 10%, you get **3425C3**, and if you desaturate by 10%, it is **584BC3**.

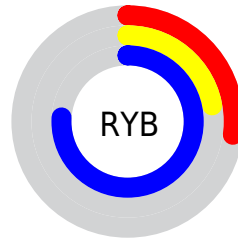
Distribution



Red (27%)

Green (22%)

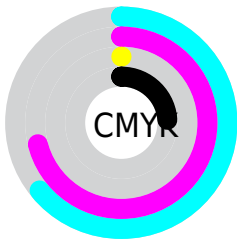
Blue (76%)



Red (27%)

Yellow (22%)

Blue (76%)

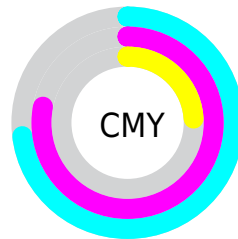


Cyan (64%)

Magenta (71%)

Yellow (0%)

Black (24%)



Cyan (73%)

Magenta (78%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4638C3 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 4638C3 by changing the saturation by 10% instead.

 4638C3

 4638C3

FFFFFF

 1E21A7

 8469FD

 00098C

 A283FF

 000072

 C09DFF

 000058

 DEB8FF

 000740

 FDD4FF

 000329

 FFF1FF

 000113

 000000

 4638C3

 4638C3

■ 3425C3

■ 584BC3

■ 2311C3

■ 695FC3

■ 1400C3

■ 7B72C3

■ 8C86C3

■ 9E9AC3

■ AFADC3

■ C1C0C3

■ D2D4C3

■ E4E8C3

Harmonies

Analogous

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



0059DA



4638C3



A1008E

Triad

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



4638C3



903100



006857

Complementary

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



4638C3



B5C338

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.



006605



4638C3



5C5100

Square

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



4638C3



B30008



005F00



00699A

Rectangle

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



4638C3



B80062



005F00



00673F

Sweetspot

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



4638C3



CDC7FC



38B5C3



636080



000000



808080

Same Dimension

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



4638C3



3923FC



8B38C3



585761



1000A1



030021

Inverse Universe

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



C338B5



FC23E7



70C338



615760



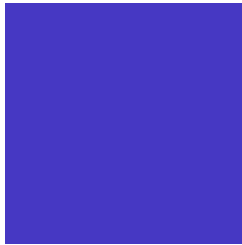
A10090



21001E

Previews

White Background



This preview shows how the Hex color 4638C3 looks on a white background.

Color Contrast Check

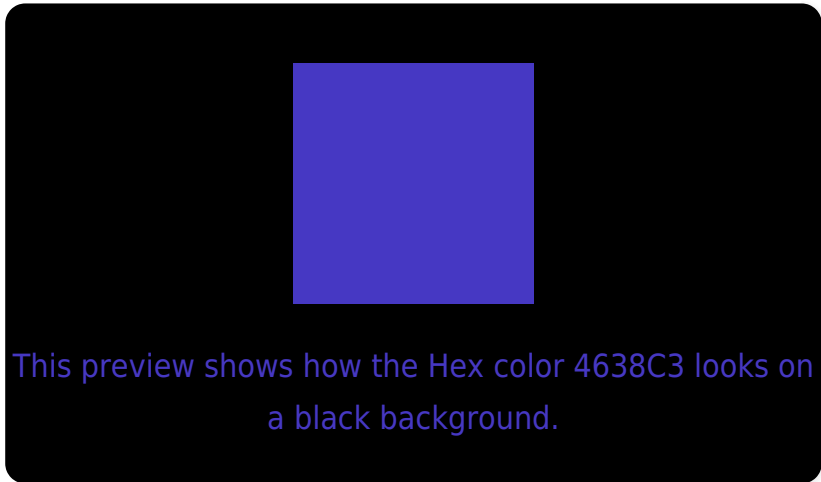
Large Text (above 18pt) WCAG AA ✓ Pass

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

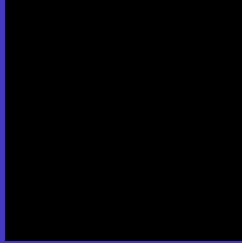
Any Text WCAG AA × Fail

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 4638C3 Background



This preview shows how black text looks on a background with the Hex color 4638C3.

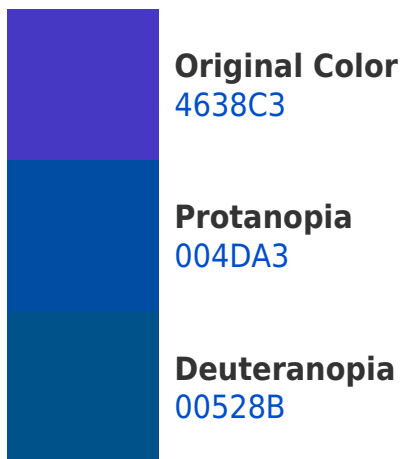


This preview shows how white text looks on a background with the Hex color 4638C3.

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
4638C3

Protanomaly
1945AF

Deuteranomaly
19499F

Tritanomaly
194D84

Monochromacy



Original Color
4638C3

Achromatopsia
4C4C4C

Achromatomaly
4A4577

CSS Examples

Text

The CSS property to change the color of the text to Hex 4638C3 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 #4638C3 looks like.

```
.text, #text, p{  
    color:#4638C3  
}
```

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 #4638C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4638C3
}
```

Border

The CSS property to change the border of an element to Hex 4638C3 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".

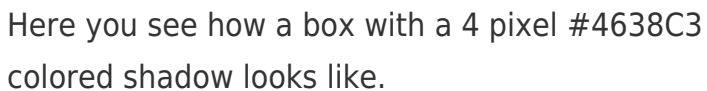
```
.border, #border, table{ border:4px solid
#4638C3 }
```

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

```
.border{ border-color:#4638C3 }
```

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

Here you see how a box with a 4 pixel #4638C3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4638C3; -webkit-box-shadow:4px 4px  
4px 4px #4638C3; box-shadow:4px 4px 4px  
4px #4638C3 }
```

Background

The CSS property to change the background color of an element to Hex 4638C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4638C3 }
```

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

```
.background{ background-color:#4638C3 }
```

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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