

Converting Colors

Hex(4741B8)

Have a look what the booklet for
Hex(4741B8) contains.

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Color

Hex(4741B8)

Conversions

Conversions Part 1

Format	Color
Hex	4741B8
RGB	71, 65, 184
RGB Percent	28%, 25%, 72%
CMY	0.7216, 0.7451, 0.2784
CMYK	0.61, 0.65, 0.00, 0.28
HSL	243°, 48%, 49%
HSV	243°, 65%, 72%
XYZ	13.1406, 8.5809, 46.3111
YIQ	80.3600, -34.6230, 38.2810

Conversions

Conversions Part 2

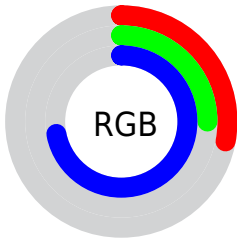
Format	Color
RYB	71, 65, 184
Decimal	4669880
CIELab	35.16, 38.00, -62.19
CIELCh	35, 72.886, 301.427
Yxy	8.5809, 0.1932, 0.1261
Android (android.graphics.Color)	4282859960 (0xFF4741B8)
YUV	80.3600, 51.0945, -8.2087
Hunter-Lab	29.2931, 28.8100, -73.2295

Details

The Hex color **4741B8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B2B841**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8372F1**, and **001582** is the 20% darker color. If you saturate the color by 10%, you get **362FB8**, and if you desaturate by 10%, it is **5853B8**.

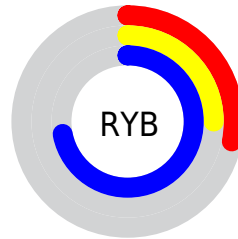
Distribution



Red (28%)

Green (25%)

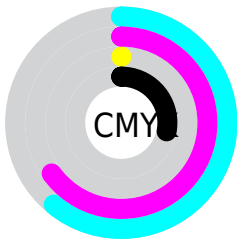
Blue (72%)



Red (28%)

Yellow (25%)

Blue (72%)

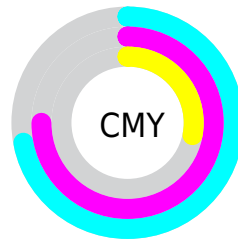


Cyan (61%)

Magenta (65%)

Yellow (0%)

Black (28%)



Cyan (72%)

Magenta (75%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4741B8 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 4741B8 by changing the saturation by 10% instead.

 4741B8

 4741B8

FFFFFF

 242A9D


 8372F1

 001582

 A08BFF

 000168

 BDA6FF

 00004F

 DBC1FF

 000537

 F9DDFF

 000221

 FFFAFF

 000005

 000000

 4741B8

 4741B8

■ 362FB8

■ 5853B8

■ 241CB8

■ 6A66B8

■ 130AB8

■ 7B78B8

■ 0900B8

■ 8D8BB8

■ 9E9DB8

■ B0AFB8

■ C1C2B8

■ D3D4B8

■ E4E7B8

Harmonies

Analogous

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



005BCA



4741B8



97068C

Triad

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



4741B8



903700



006954

Complementary

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



4741B8



B2B841

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.



006612



4741B8



635200

Square

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



4741B8



AD001A



246000



006A8F

Rectangle

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



4741B8



AD0066



246000



00683F

Sweetspot

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



4741B8



C4C2F0



41B2B8



5E5C78



F7F7F7



787878

Same Dimension

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



4741B8



3E35F0



8241B8



53535C



08009C



01001C

Inverse Universe

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



B841B2



F035E6



77B841



5C535B



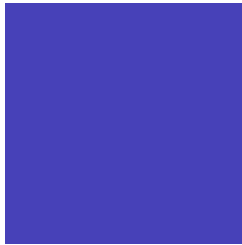
9C0094



1C001B

Previews

White Background



This preview shows how the Hex color 4741B8 looks on a white background.

Color Contrast Check

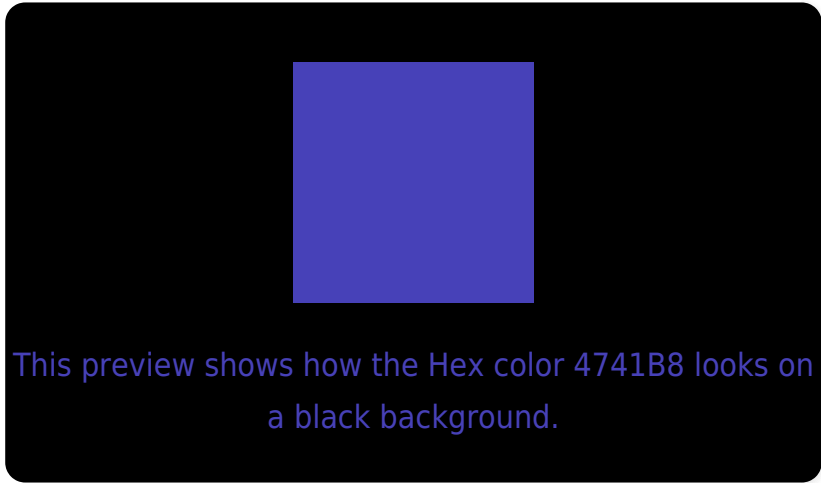
Large Text (above 18pt) WCAG AA ✓ Pass

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

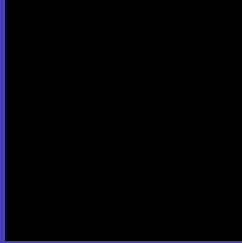
Any Text WCAG AA × Fail

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 4741B8 Background



This preview shows how black text looks on a background with the Hex color 4741B8.



This preview shows how white text looks on a background with the Hex color 4741B8.

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
4741B8

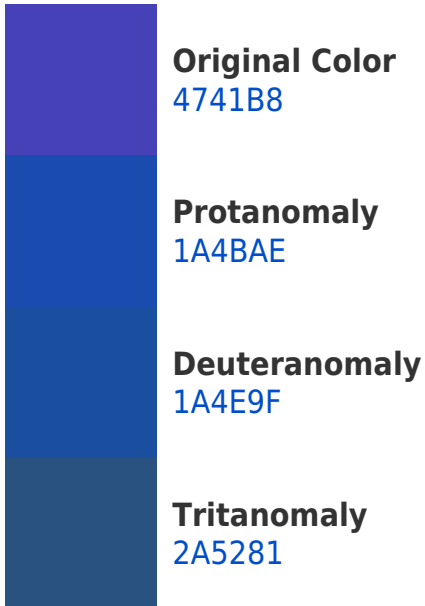
Protanopia
0050A8

Deuteranopia
005591

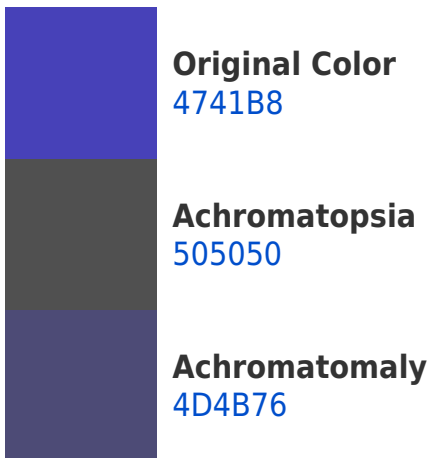


Tritanopia
1A5B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4741B8 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 #4741B8 looks like.

```
.text, #text, p{  
    color:#4741B8  
}
```

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 #4741B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4741B8
}
```

Border

The CSS property to change the border of an element to Hex 4741B8 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
#4741B8 }
```

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

```
.border{ border-color:#4741B8 }
```

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

Here you see how a box with a 4 pixel #4741B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4741B8; -webkit-box-shadow:4px 4px  
4px 4px #4741B8; box-shadow:4px 4px 4px  
4px #4741B8 }
```

Background

The CSS property to change the background color of an element to Hex 4741B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4741B8 }
```

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

```
.background{ background-color:#4741B8 }
```

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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