

Converting Colors

Hex(4450B7)

Have a look what the booklet for
Hex(4450B7) contains.

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Color

Hex(4450B7)

Conversions

Conversions Part 1

Format	Color
Hex	4450B7
RGB	68, 80, 183
RGB Percent	27%, 31%, 72%
CMY	0.7333, 0.6863, 0.2824
CMYK	0.63, 0.56, 0.00, 0.28
HSL	234°, 46%, 49%
HSV	234°, 63%, 72%
XYZ	13.7998, 10.3852, 46.0770
YIQ	88.1540, -40.2150, 29.4890

Conversions

Conversions Part 2

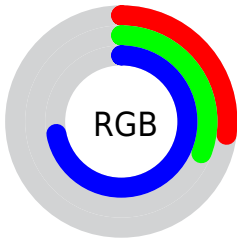
Format	Color
R _{YB}	68, 79, 183
Decimal	4477111
CIE Lab	38.53, 27.77, -56.15
CIE LCh	39, 62.639, 296.319
Yxy	10.3852, 0.1964, 0.1478
Android (android.graphics.Color)	4282667191 (0xFF4450B7)
YUV	88.1540, 46.7591, -17.6751
Hunter-Lab	32.2260, 20.0416, -62.2150

Details

The Hex color **4450B7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7AB44**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7F81F0**, and **002481** is the 20% darker color. If you saturate the color by 10%, you get **3240B7**, and if you desaturate by 10%, it is **5660B7**.

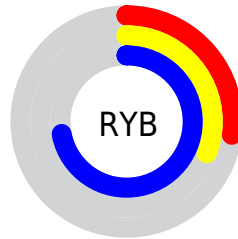
Distribution



Red (27%)

Green (31%)

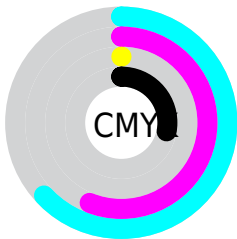
Blue (72%)



Red (27%)

Yellow (31%)

Blue (72%)

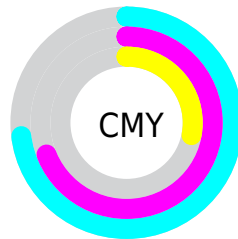


Cyan (63%)

Magenta (56%)

Yellow (0%)

Black (28%)



Cyan (73%)

Magenta (69%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4450B7 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 4450B7 by changing the saturation by 10% instead.

■ 4450B7

■ 4450B7

FFFFFF

■ 21399C

■ 7F81F0

■ 002481

■ 9C9BFF

■ 001167

■ B9B6FF

■ 00004F

■ D6D1FF

■ 000537

■ F4EEFF

■ 000220

■ 000005

■ 000000

■ 4450B7

■ 4450B7

■ 3240B7

■ 5660B7

■ 1F2FB7

■ 6971B7

■ 0D1FB7

■ 7B81B7

■ 0013B7

■ 8D92B7

■ A0A2B7

■ B2B2B7

■ C4C3B7

■ D6D3B7

■ E9E4B7

Harmonies

Analogous

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



0063C1



4450B7



903294

Triad

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



4450B7



994000



007053

Complementary

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



4450B7



B7AB44

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.



006C1C



4450B7



745700

Square

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



4450B7



AF2031



436500



007087

Rectangle

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



4450B7



A81B74



436500



006F41

Sweetspot

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



4450B7



C0C5ED



44B7AA



5C5F78



F7F7F7



787878

Same Dimension

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



4450B7



3B4EED



7044B7



53545C



00109C



00031C

Inverse Universe

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



B74450



ED3B4E



8BB744



5C5354



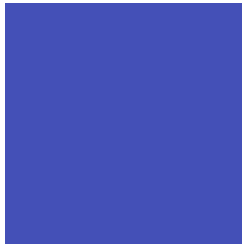
9C0010



1C0003

Previews

White Background



This preview shows how the Hex color 4450B7 looks on a white background.

Color Contrast Check

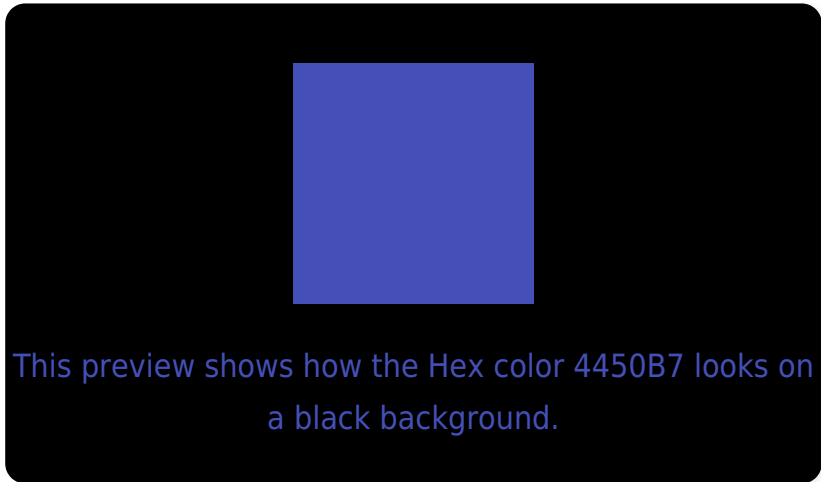
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

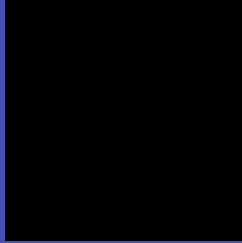
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4450B7 Background



This preview shows how black text looks on a background with the Hex color 4450B7.

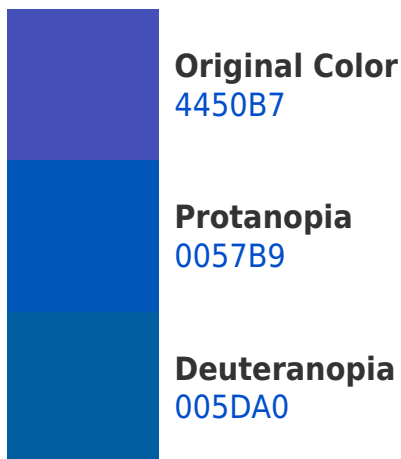



This preview shows how white text looks on a background with the Hex color 4450B7.

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](#).

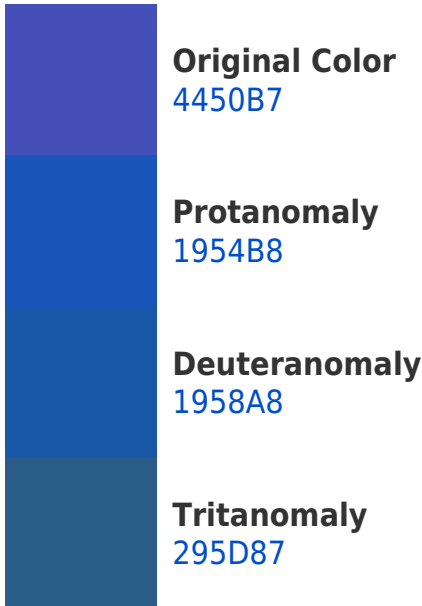
Dichromacy



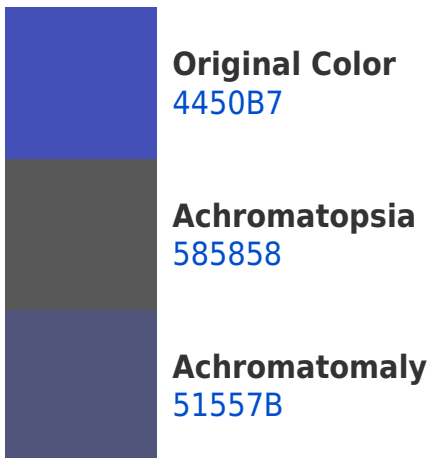


Tritanopia
19646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4450B7 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 #4450B7 looks like.

```
.text, #text, p{  
    color:#4450B7  
}
```

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 #4450B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4450B7  
}
```

Border

The CSS property to change the border of an element to Hex 4450B7 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  
#4450B7 }
```

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

```
.border{ border-color:#4450B7 }
```

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

Here you see how a box with a 4 pixel #4450B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4450B7; -webkit-box-shadow:4px 4px  
4px 4px #4450B7; box-shadow:4px 4px 4px  
4px #4450B7 }
```

Background

The CSS property to change the background color of an element to Hex 4450B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4450B7 }
```

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

```
.background{ background-color:#4450B7 }
```

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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