

Converting Colors

Hex(4500B0)

Have a look what the booklet for
Hex(4500B0) contains.

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Color

Hex(4500B0)

Conversions

Conversions Part 1

Format	Color
Hex	4500B0
RGB	69, 0, 176
RGB Percent	27%, 0%, 69%
CMY	0.7294, 1.0000, 0.3098
CMYK	0.61, 1.00, 0.00, 0.31
HSL	264°, 100%, 35%
HSV	264°, 100%, 69%
XYZ	10.2907, 4.3998, 41.3812
YIQ	40.6950, -15.3720, 69.3640

Conversions

Conversions Part 2

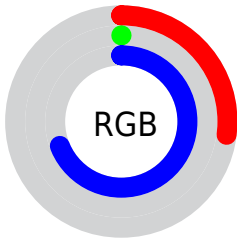
Format	Color
RYB	69, 0, 176
Decimal	4522160
CIELab	24.95, 61.79, -74.26
CIELCh	25, 96.610, 309.763
Yxy	4.3998, 0.1835, 0.0785
Android (android.graphics.Color)	4282712240 (0xFF4500B0)
YUV	40.6950, 66.7054, 24.8235
Hunter-Lab	20.9757, 50.8650, -102.2852

Details

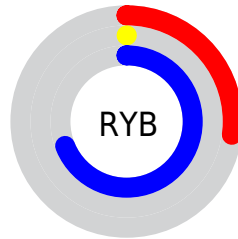
The Hex color **4500B0** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6BB000**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8341E9**, and **00007A** is the 20% darker color. If you saturate the color by 10%, you get **4500B0**, and if you desaturate by 10%, it is **5012B0**.

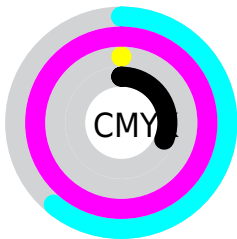
Distribution



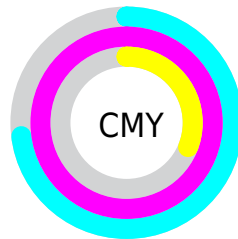
- Red (27%)
- Green (0%)
- Blue (69%)



- Red (27%)
- Yellow (0%)
- Blue (69%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4500B0 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 4500B0 by changing the saturation by 10% instead.

 4500B0

 4500B0

FFFFFF

 1E0095

 8341E9

 00007A

 A15CFF

 000060

 BF76FF

 000847

 DD91FF

 000430

 FCADFF

 00011A

 FFC9FF

 000000

 FFE6FF

 4500B0

 5012B0

 5A23B0

 6535B0

 7046B0

 7A58B0

 856AB0

 907BB0

 9B8DB0

 A59EB0

Harmonies

Analogous

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



0043D3



4500B0



9B0070

Triad

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



4500B0



6F2000



005253

Complementary

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



4500B0



6BB000

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.



004F00



4500B0



334100

Square

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



4500B0



9A0000



004C00



00549A

Rectangle

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



4500B0



AC0040



004C00



005139

Sweetspot

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



4500B0



BCA1E6



006DB0



5A4973



F2F2F2



737373

Same Dimension

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



4500B0



5A00E6



9B00B0



545059



3C0099



0A001A

Inverse Universe

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



B0006B



E6008C



15B000



595056



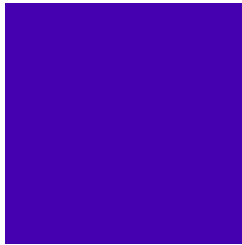
99005D



1A0010

Previews

White Background



This preview shows how the Hex color 4500B0 looks on a white background.

Color Contrast Check

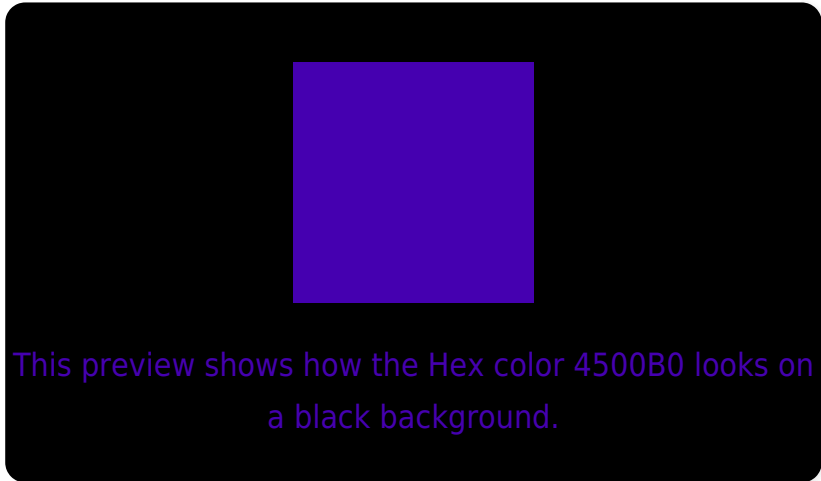
Large Text (above 18pt) WCAG AA ✓ Pass

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

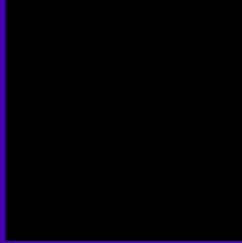
Any Text WCAG AA × Fail

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 4500B0 Background



This preview shows how black text looks on a background with the Hex color 4500B0.



This preview shows how white text looks on a background with the Hex color 4500B0.

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
0D444A

Trichromacy



Original Color
4500B0

Protanomaly
192690

Deuteranomaly
192984

Tritanomaly
212B6F

Monochromacy



Original Color
4500B0

Achromatopsia
292929

Achromatomaly
331A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4500B0 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 #4500B0 looks like.

```
.text, #text, p{  
    color:#4500B0  
}
```

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 #4500B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4500B0
}
```

Border

The CSS property to change the border of an element to Hex 4500B0 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".

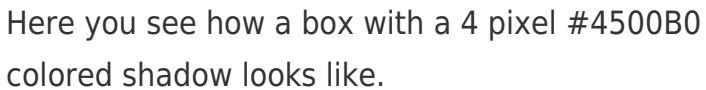
```
.border, #border, table{ border:4px solid
#4500B0 }
```

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

```
.border{ border-color:#4500B0 }
```

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

Here you see how a box with a 4 pixel #4500B0 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the visual result of the CSS code provided.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4500B0; -webkit-box-shadow:4px 4px  
4px 4px #4500B0; box-shadow:4px 4px 4px  
4px #4500B0 }
```

Background

The CSS property to change the background color of an element to Hex 4500B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4500B0 }
```

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

```
.background{ background-color:#4500B0 }
```

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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