

Converting Colors

Hex(4500AA)

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

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Color

Hex(4500AA)

Conversions

Conversions Part 1

Format	Color
Hex	4500AA
RGB	69, 0, 170
RGB Percent	27%, 0%, 67%
CMY	0.7294, 1.0000, 0.3333
CMYK	0.59, 1.00, 0.00, 0.33
HSL	264°, 100%, 33%
HSV	264°, 100%, 67%
XYZ	9.7099, 4.1675, 38.3228
YIQ	40.0110, -13.4460, 67.4980

Conversions

Conversions Part 2

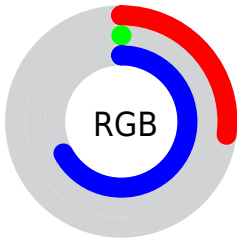
Format	Color
RYB	69, 0, 170
Decimal	4522154
CIELab	24.22, 60.39, -71.87
CIELCh	24, 93.870, 310.038
Yxy	4.1675, 0.1860, 0.0798
Android (android.graphics.Color)	4282712234 (0xFF4500AA)
YUV	40.0110, 64.0846, 25.4234
Hunter-Lab	20.4144, 49.1767, -97.0116

Details

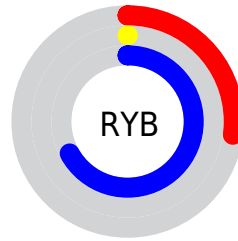
The Hex color **4500AA** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **65AA00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8240E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **4500AA**, and if you desaturate by 10%, it is **4F11AA**.

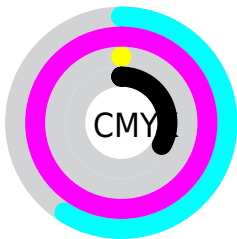
Distribution



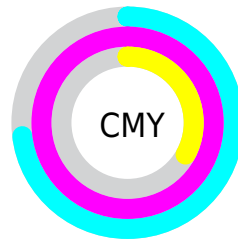
- Red (27%)
- Green (0%)
- Blue (67%)



- Red (27%)
- Yellow (0%)
- Blue (67%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 4500AA

 4500AA

FFFFFF

 20008F

 8240E3

 000074

 A05BFF

 00005B

 BE75FF

 000742

 DC90FF

 00032B

 FAACFF

 000115

 FFC8FF

 000000

 FFE5FF

 4500AA

 4F11AA

 5922AA

 6333AA

 6D44AA

 7855AA

 8266AA

 8C77AA

 9688AA

 A099AA

Harmonies

Analogous

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



0040CC



4500AA



96006C

Triad

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



4500AA



6C2000



004F51

Complementary

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



4500AA



65AA00

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.



004D00



4500AA



313F00

Square

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



4500AA



950000



004A00



005196

Rectangle

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



4500AA



A6003D



004A00



004F38

Sweetspot

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



4500AA



B69BDE



0066AA



584870



F0F0F0



707070

Same Dimension

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



4500AA



5A00DE



9900AA



4F4C54



3C0094



080014

Inverse Universe

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



AA0065



DE0084



11AA00



544C51



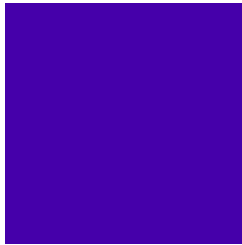
940058



14000C

Previews

White Background



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

Color Contrast Check

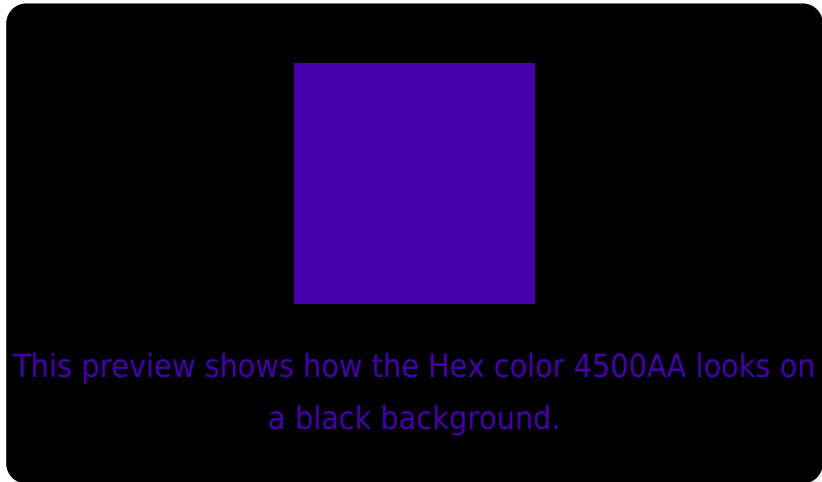
Large Text (above 18pt) WCAG AA ✓ Pass

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

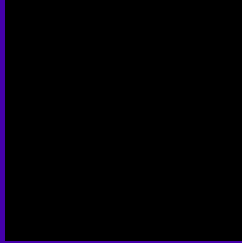
Any Text WCAG AA × Fail

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 4500AA Background



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



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

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
4500AA

Protanopia
003A7A

Deuteranopia
003E68



Tritanopia
184247

Trichromacy



Original Color
4500AA

Protanomaly
19258B

Deuteranomaly
192780

Tritanomaly
282A6B

Monochromacy



Original Color
4500AA

Achromatopsia
282828

Achromatomaly
331957

CSS Examples

Text

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

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

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 #4500AA colored shadow looks like.

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

Border

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

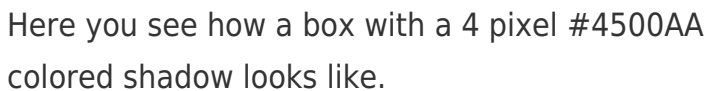
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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