

Converting Colors

Hex(4600BB)

Have a look what the booklet for
Hex(4600BB) contains.

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Color

Hex(4600BB)

Conversions

Conversions Part 1

Format	Color
Hex	4600BB
RGB	70, 0, 187
RGB Percent	27%, 0%, 73%
CMY	0.7255, 1.0000, 0.2667
CMYK	0.63, 1.00, 0.00, 0.27
HSL	262°, 100%, 37%
HSV	262°, 100%, 73%
XYZ	11.4954, 4.8899, 47.3517
YIQ	42.2480, -18.3070, 72.9970

Conversions

Conversions Part 2

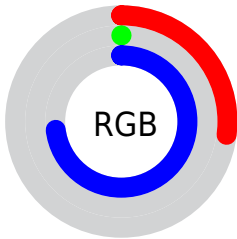
Format	Color
RYB	70, 0, 187
Decimal	4587707
CIELab	26.42, 64.43, -78.39
CIELCh	26, 101.468, 309.416
Yxy	4.8899, 0.1804, 0.0767
Android (android.graphics.Color)	4282777787 (0xFF4600BB)
YUV	42.2480, 71.3627, 24.3385
Hunter-Lab	22.1132, 54.0940, -111.4801

Details

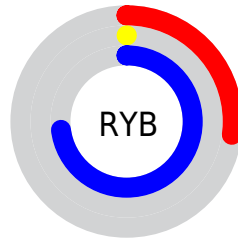
The Hex color **4600BB** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **75BB00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8643F5**, and **000084** is the 20% darker color. If you saturate the color by 10%, you get **4600BB**, and if you desaturate by 10%, it is **5213BB**.

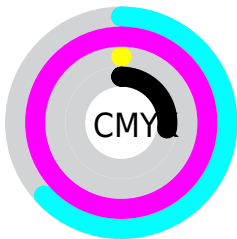
Distribution



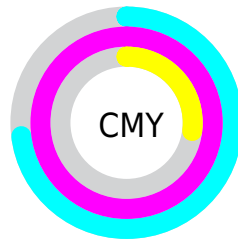
- Red (27%)
- Green (0%)
- Blue (73%)



- Red (27%)
- Yellow (0%)
- Blue (73%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4600BB 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 4600BB by changing the saturation by 10% instead.

 4600BB

 4600BB

FFFFFF

 1C009F

 8643F5

 000084

 A45DFF

 00006A

 C378FF

 000650

 E194FF

 000538

 FFAFFF

 000222

 FFCCFF

 000008

 FFE9FF

 000000

 4600BB

 5213BB

 5D25BB

 6938BB

 754BBB

 805EBB

 8C70BB

 9883BB

 A496BB

 AFA8BB

Harmonies

Analogous

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



0047DF



4600BB



A30077

Triad

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



4600BB



762100



005656

Complementary

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



4600BB



75BB00

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.



005300



4600BB



374400

Square

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



4600BB



A30000



005000



0058A3

Rectangle

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



4600BB



B50044



005000



00553B

Sweetspot

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



4600BB



C5AAF2



0076BB



5F4E7A



FAFAFA



7A7A7A

Same Dimension

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



4600BB



5B00F2



A200BB



58555E



3B009E



0B001F

Inverse Universe

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



BB0075



F20098



19BB00



5E555B



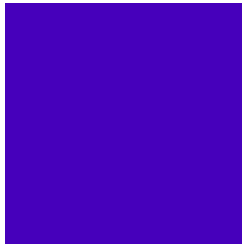
9E0063



1F0013

Previews

White Background



This preview shows how the Hex color 4600BB looks on a white background.

Color Contrast Check

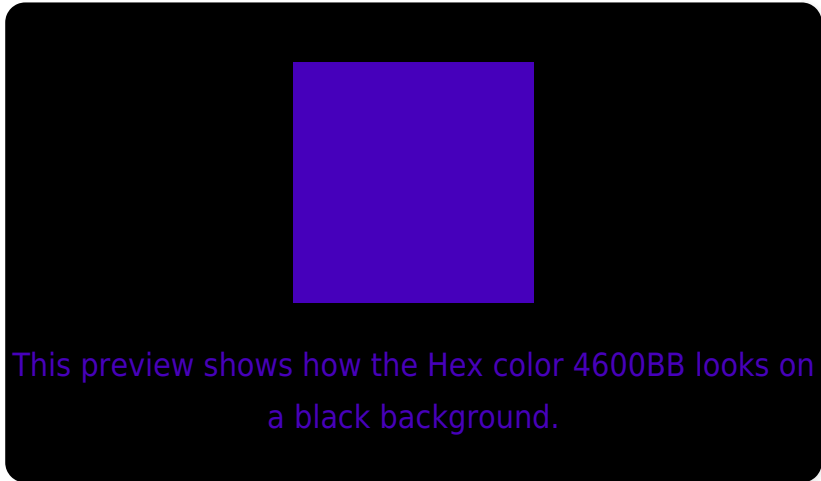
Large Text (above 18pt) WCAG AA ✓ Pass

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

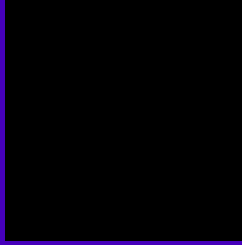
Any Text WCAG AA × Fail

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 4600BB Background



This preview shows how black text looks on a background with the Hex color 4600BB.



This preview shows how white text looks on a background with the Hex color 4600BB.

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
4600BB

Protanopia
003F84

Deuteranopia
004370



Tritanopia
00484E

Trichromacy



Original Color
4600BB

Protanomaly
192898

Deuteranomaly
192B8B

Tritanomaly
192E76

Monochromacy



Original Color
4600BB

Achromatopsia
2A2A2A

Achromatomaly
341B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4600BB 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 #4600BB looks like.

```
.text, #text, p{  
    color:#4600BB  
}
```

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 #4600BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4600BB
}
```

Border

The CSS property to change the border of an element to Hex 4600BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

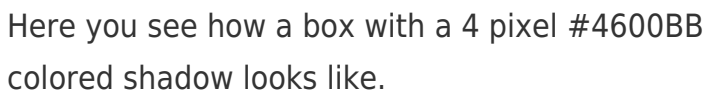
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4600BB }
```

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

```
.border{ border-color:#4600BB }
```

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



Here you see how a box with a 4 pixel #4600BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4600BB; -webkit-box-shadow:4px 4px  
4px 4px #4600BB; box-shadow:4px 4px 4px  
4px #4600BB }
```

Background

The CSS property to change the background color of an element to Hex 4600BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4600BB }
```

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

```
.background{ background-color:#4600BB }
```

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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