

Converting Colors

Hex(4600B9)

Have a look what the booklet for
Hex(4600B9) contains.

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Color

Hex(4600B9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4600B9 |
| RGB | 70, 0, 185 |
| RGB Percent | 27%, 0%, 73% |
| CMY | 0.7255, 1.0000, 0.2745 |
| CMYK | 0.62, 1.00, 0.00, 0.27 |
| HSL | 263°, 100%, 36% |
| HSV | 263°, 100%, 73% |
| XYZ | 11.2827, 4.8049, 46.2317 |
| YIQ | 42.0200, -17.6650, 72.3750 |

Conversions

Conversions Part 2

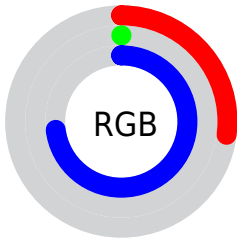
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 70, 0, 185 |
| Decimal | 4587705 |
| CIELab | 26.17, 63.96, -77.61 |
| CIELCh | 26, 100.571, 309.491 |
| Yxy | 4.8049, 0.1810, 0.0771 |
| Android (android.graphics.Color) | 4282777785 (0xFF4600B9) |
| YUV | 42.0200, 70.4891, 24.5385 |
| Hunter-Lab | 21.9200, 53.5181, -109.7050 |

Details

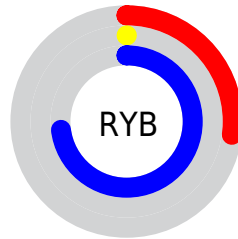
The Hex color **4600B9** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **73B900**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8542F2**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **4600B9**, and if you desaturate by 10%, it is **5112B9**.

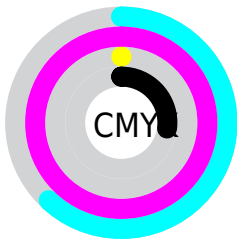
Distribution



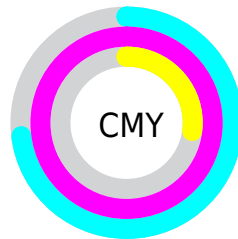
- Red (27%)
- Green (0%)
- Blue (73%)



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



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4600B9 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 4600B9 by changing the saturation by 10% instead.

 4600B9

 4600B9

FFFFFF

 1D009D


 8542F2

 000082

 A45DFF

 000068

 C278FF

 00074F

 E093FF

 000537

 FFAFFF

 000220


 FFCBFF

 000005

 FFE8FF

 000000

 4600B9

 5112B9

 5D25B9

 6838B9

 744AB9

 7F5DB9

 8B6FB9

 9682B9

 A294B9

 ADA7B9

Harmonies

Analogous

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



0046DD



4600B9



A10076

Triad

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



4600B9



752100



005556

Complementary

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



4600B9



73B900

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



4600B9



364300

Square

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



4600B9



A10000



004F00



0057A1

Rectangle

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



4600B9



B40044



004F00



00543B

Sweetspot

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



4600B9



C3A8F0



0075B9



5D4D78



F7F7F7



787878

Same Dimension

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



4600B9



5B00F0



A000B9



56535C



3B009C



0B001C

Inverse Universe

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



B90073



F00095



19B900



5C5358



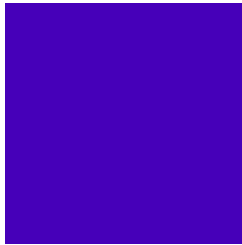
9C0061



1C0011

Previews

White Background



This preview shows how the Hex color 4600B9 looks on a white background.

Color Contrast Check

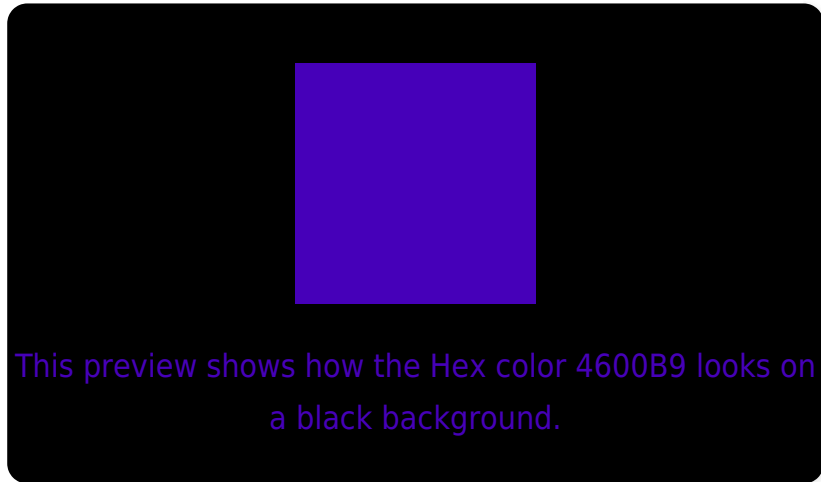
Large Text (above 18pt) WCAG AA ✓ Pass

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

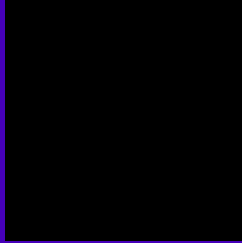
Any Text WCAG AA × Fail

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 4600B9 Background



This preview shows how black text looks on a background with the Hex color 4600B9.

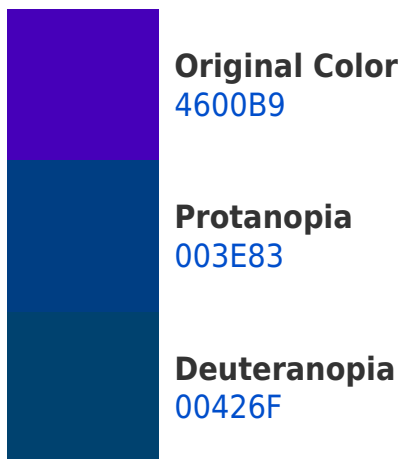



This preview shows how white text looks on a background with the Hex color 4600B9.

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
00474D

Trichromacy



Original Color
4600B9

Protanomaly
192797

Deuteranomaly
192A8A

Tritanomaly
192D74

Monochromacy



Original Color
4600B9

Achromatopsia
2A2A2A

Achromatomaly
341B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4600B9 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 #4600B9 looks like.

```
.text, #text, p{  
    color:#4600B9  
}
```

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 #4600B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4600B9
}
```

Border

The CSS property to change the border of an element to Hex 4600B9 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
#4600B9 }
```

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

```
.border{ border-color:#4600B9 }
```

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

Here you see how a box with a 4 pixel #4600B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4600B9; -webkit-box-shadow:4px 4px  
4px 4px #4600B9; box-shadow:4px 4px 4px  
4px #4600B9 }
```

Background

The CSS property to change the background color of an element to Hex 4600B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4600B9 }
```

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

```
.background{ background-color:#4600B9 }
```

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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