

Converting Colors

Hex(4601BD)

Have a look what the booklet for
Hex(4601BD) contains.

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Color

Hex(4601BD)

Conversions

Conversions Part 1

Format	Color
Hex	4601BD
RGB	70, 1, 189
RGB Percent	27%, 0%, 74%
CMY	0.7255, 0.9961, 0.2588
CMYK	0.63, 0.99, 0.00, 0.26
HSL	262°, 99%, 37%
HSV	262°, 99%, 74%
XYZ	11.7219, 4.9979, 48.4910
YIQ	43.0630, -19.2240, 73.0960

Conversions

Conversions Part 2

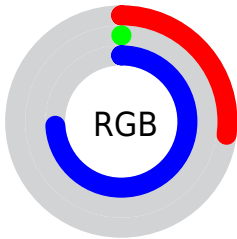
Format	Color
RYB	70, 1, 189
Decimal	4587965
CIELab	26.73, 64.70, -79.06
CIELCh	27, 102.164, 309.297
Yxy	4.9979, 0.1798, 0.0766
Android (android.graphics.Color)	4282778045 (0xFF4601BD)
YUV	43.0630, 71.9469, 23.6237
Hunter-Lab	22.3560, 54.4699, -112.9528

Details

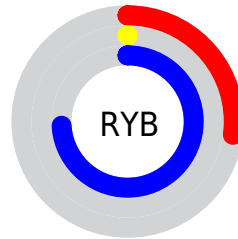
The Hex color **4601BD** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **78BD01**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8643F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **4500BD**, and if you desaturate by 10%, it is **5214BD**.

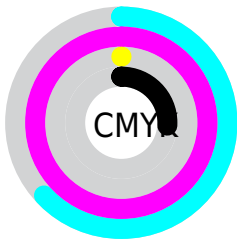
Distribution



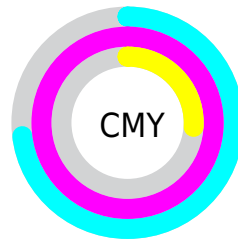
- Red (27%)
- Green (0%)
- Blue (74%)



- Red (27%)
- Yellow (0%)
- Blue (74%)



- Cyan (63%)
- Magenta (99%)
- Yellow (0%)
- Black (26%)



- Cyan (73%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4601BD 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 4601BD by changing the saturation by 10% instead.

4601BD

4601BD

FFFFFF

1C00A1

8643F7

000086

A55EFF

00006C

C379FF

000552

E294FF

00053A

FFB0FF

000223

FFC0FF

00000B

FFE9FF

000000

4601BD

4601BD

■ 4500BD

■ 5214BD

■ 5E27BD

■ 6A3ABD

■ 764DBD

■ 825FBD

■ 8E72BD

■ 9A85BD

■ A698BD

■ B2ABBD

Harmonies

Analogous

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



0048E2



4601BD



A40078

Triad

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



4601BD



782100



005757

Complementary

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



4601BD



78BD01

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.



005400



4601BD



384500

Square

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



4601BD



A40000



005000



0059A4

Rectangle

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



4601BD



B70045



005000



00563C

Sweetspot

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



4601BD



C6ABF5



0178BD



5F4E7A



FAFAFA



7A7A7A

Same Dimension

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



4601BD



5A00F5



A401BD



58555E



3A009E



0B001F

Inverse Universe

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



BD0178



F5009B



1ABD01



5E555B



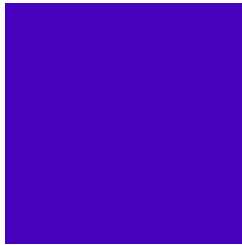
9E0064



1F0013

Previews

White Background



This preview shows how the Hex color 4601BD looks on a white background.

Color Contrast Check

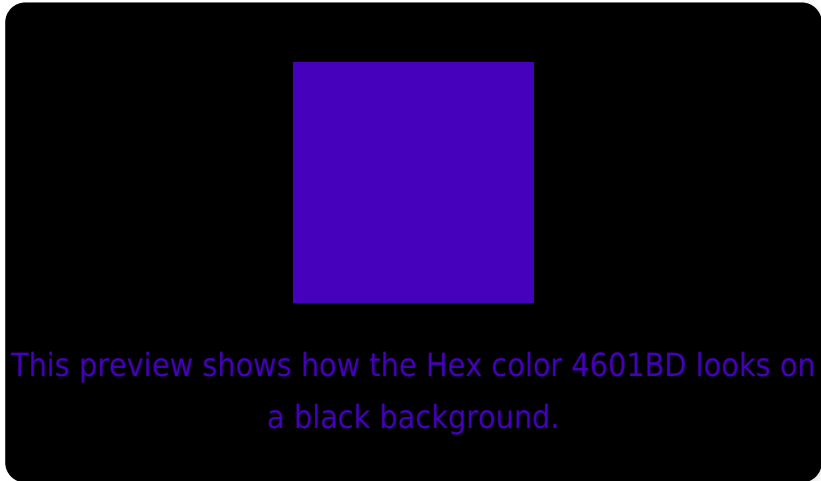
Large Text (above 18pt) WCAG AA ✓ Pass

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

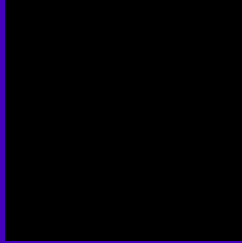
Any Text WCAG AA × Fail

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 4601BD Background



This preview shows how black text looks on a background with the Hex color 4601BD.



This preview shows how white text looks on a background with the Hex color 4601BD.

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



Trichromacy



Original Color
4601BD

Protanomaly
192899

Tritanomaly
192F76

Monochromacy



Original Color
4601BD

Achromatopsia
2B2B2B

Achromatomaly
351C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 4601BD 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 #4601BD looks like.

```
.text, #text, p{  
    color:#4601BD  
}
```

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 #4601BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4601BD
}
```

Border

The CSS property to change the border of an element to Hex 4601BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

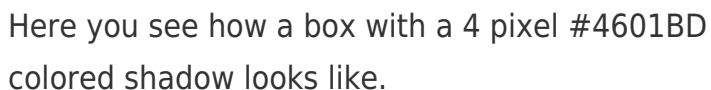
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4601BD }
```

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

```
.border{ border-color:#4601BD }
```

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



Here you see how a box with a 4 pixel #4601BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4601BD; -webkit-box-shadow:4px 4px  
4px 4px #4601BD; box-shadow:4px 4px 4px  
4px #4601BD }
```

Background

The CSS property to change the background color of an element to Hex 4601BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4601BD }
```

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

```
.background{ background-color:#4601BD }
```

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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