

Converting Colors

Hex(7400B6)

Have a look what the booklet for
Hex(7400B6) contains.

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Color

Hex(7400B6)

Conversions

Conversions Part 1

Format	Color
Hex	7400B6
RGB	116, 0, 182
RGB Percent	45%, 0%, 71%
CMY	0.5451, 1.0000, 0.2863
CMYK	0.36, 1.00, 0.00, 0.29
HSL	278°, 100%, 36%
HSV	278°, 100%, 71%
XYZ	15.6460, 7.0904, 44.7999
YIQ	55.4320, 10.7140, 81.1940

Conversions

Conversions Part 2

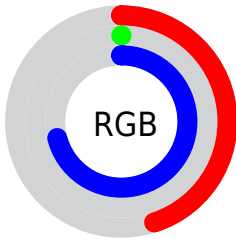
Format	Color
R_{YB}	116, 0, 182
Decimal	7602358
CIE _{Lab}	32.01, 67.08, -65.98
CIE _{LCh}	32, 94.086, 315.475
Yxy	7.0904, 0.2317, 0.1050
Android (android.graphics.Color)	4285792438 (0xFF7400B6)
YUV	55.4320, 62.3980, 53.1181
Hunter-Lab	26.6278, 58.2843, -81.1129

Details

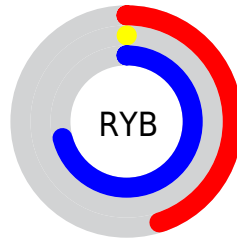
The Hex color **7400B6** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **42B600**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **AE4AEF**, and **390080** is the 20% darker color. If you saturate the color by 10%, you get **7400B6**, and if you desaturate by 10%, it is **7B12B6**.

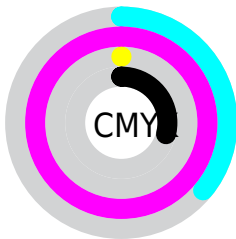
Distribution



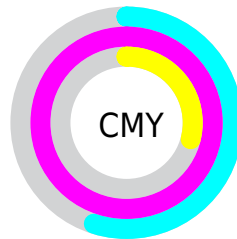
- Red (45%)
- Green (0%)
- Blue (71%)



- Red (45%)
- Yellow (0%)
- Blue (71%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7400B6 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 7400B6 by changing the saturation by 10% instead.

 7400B6

 7400B6

FFFFFF

 57009A

 AE4AEF

 390080

 CC66FF

 180066

 EA82FF

 00004D

 FF9EFF

 000535

 FFBAFF

 00021F

 FFD7FF

 000001

 FFF4FF

 000000

 7400B6

 7B12B6

 8124B6

 8837B6

 8E49B6

 955BB6

 9C6DB6

 A27FB6

 A992B6

 AFA4B6

Harmonies

Analogous

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



004BDF



7400B6



B50073

Triad

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



7400B6



7A3A00



006472

Complementary

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



7400B6



42B600

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.



006222



7400B6



385400

Square

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



7400B6



A80000



005E00



0065B7

Rectangle

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



7400B6



C10042



005E00



006458

Sweetspot

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



7400B6



D3A6ED



0043B6



684D78



F7F7F7



787878

Same Dimension

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



7400B6



9700ED



B6009E



58535C



63009C



12001C

Inverse Universe

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



B60042



ED0056



00B618



5C5356



9C0038



1C000A

Previews

White Background



This preview shows how the Hex color 7400B6 looks on a white background.

Color Contrast Check

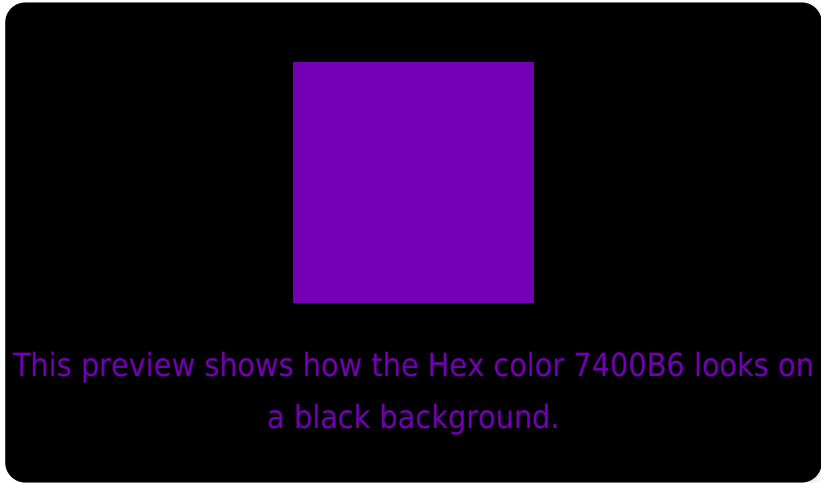
Large Text (above 18pt) WCAG AA ✓ Pass

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

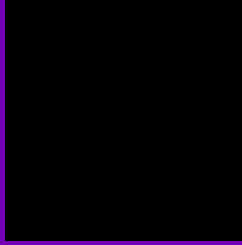
Any Text WCAG AA × Fail

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 7400B6 Background



This preview shows how black text looks on a background with the Hex color 7400B6.



This preview shows how white text looks on a background with the Hex color 7400B6.

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
7400B6

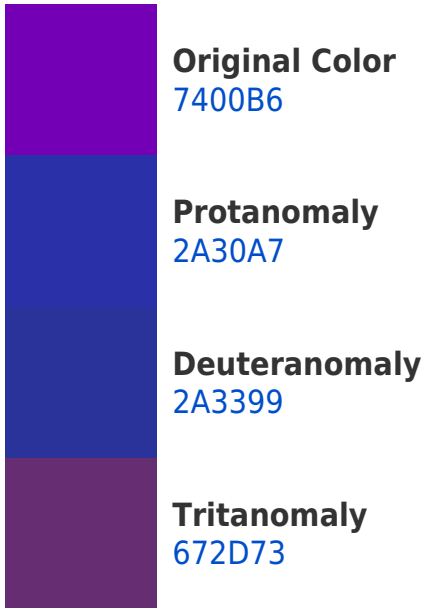
Protanopia
004B9E

Deuteranopia
005088

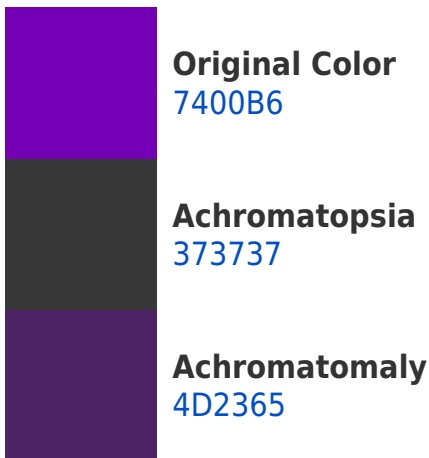


Tritanopia
60474D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7400B6 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 #7400B6 looks like.

```
.text, #text, p{  
    color:#7400B6  
}
```

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 #7400B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7400B6
}
```

Border

The CSS property to change the border of an element to Hex 7400B6 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
#7400B6 }
```

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

```
.border{ border-color:#7400B6 }
```

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

Here you see how a box with a 4 pixel #7400B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7400B6; -webkit-box-shadow:4px 4px  
4px 4px #7400B6; box-shadow:4px 4px 4px  
4px #7400B6 }
```

Background

The CSS property to change the background color of an element to Hex 7400B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7400B6 }
```

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

```
.background{ background-color:#7400B6 }
```

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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