

Converting Colors

Hex(7600B4)

Have a look what the booklet for
Hex(7600B4) contains.

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Color

Hex(7600B4)

Conversions

Conversions Part 1

Format	Color
Hex	7600B4
RGB	118, 0, 180
RGB Percent	46%, 0%, 71%
CMY	0.5373, 1.0000, 0.2941
CMYK	0.34, 1.00, 0.00, 0.29
HSL	279°, 100%, 35%
HSV	279°, 100%, 71%
XYZ	15.7094, 7.1468, 43.7315
YIQ	55.8020, 12.5480, 80.9960

Conversions

Conversions Part 2

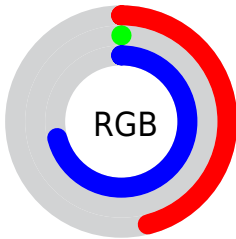
Format	Color
RYB	118, 0, 180
Decimal	7733428
CIELab	32.14, 66.90, -64.56
CIElCh	32, 92.974, 316.018
Yxy	7.1468, 0.2359, 0.1073
Android (android.graphics.Color)	4285923508 (0xFF7600B4)
YUV	55.8020, 61.2296, 54.5476
Hunter-Lab	26.7336, 58.1081, -78.2747

Details

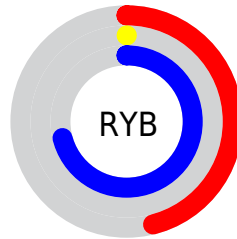
The Hex color **7600B4** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **3EB400**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B04AED**, and **3B007E** is the 20% darker color. If you saturate the color by 10%, you get **7600B4**, and if you desaturate by 10%, it is **7C12B4**.

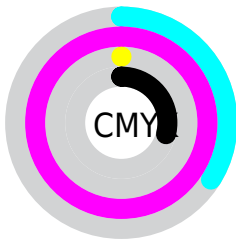
Distribution



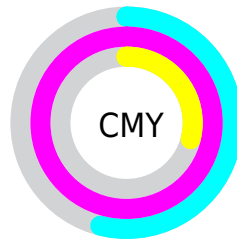
- Red (46%)
- Green (0%)
- Blue (71%)



- Red (46%)
- Yellow (0%)
- Blue (71%)



- Cyan (34%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7600B4 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 7600B4 by changing the saturation by 10% instead.

 7600B4

 7600B4

FFFFFF

 590099

 B04AED

 3B007E

 CE66FF

 1C0064

 EB82FF

 00004B

 FF9EFF

 000433

 FFBAFF

 00021D

 FFD7FF

 000000

 FFF5FF

 7600B4

 7C12B4

 8224B4

 8936B4

 8F48B4

 955AB4

 9B6CB4

 A17EB4

 A890B4

 AEA2B4

Harmonies

Analogous

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



004BDE



7600B4



B50071

Triad

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



7600B4



793C00



006573

Complementary

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



7600B4



3EB400

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.



006224



7600B4



375500

Square

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



7600B4



A70000



005F00



0066B7

Rectangle

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



7600B4



C00041



005F00



006459

Sweetspot

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



7600B4



D2A4EB



003FB4



674B75



F5F5F5



757575

Same Dimension

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



7600B4



9A00EB



B40099



565059



640099



11001A

Inverse Universe

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



B4003E



EB0051



00B41B



595053



990035



1A0009

Previews

White Background



This preview shows how the Hex color 7600B4 looks on a white background.

Color Contrast Check

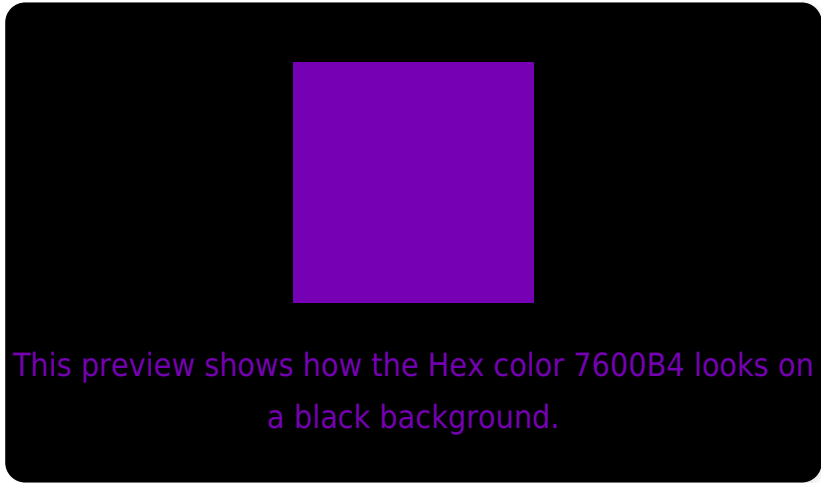
Large Text (above 18pt) WCAG AA ✓ Pass

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

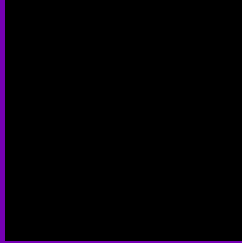
Any Text WCAG AA × Fail

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 7600B4 Background



This preview shows how black text looks on a background with the Hex color 7600B4.



This preview shows how white text looks on a background with the Hex color 7600B4.

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


7600B4

Protanopia

004C9F

Deuteranopia

005089



Tritanopia
63464C

Trichromacy



Original Color

7600B4



Protanomaly

2B30A7



Deuteranomaly

2B3399



Tritanomaly

6A2D72

Monochromacy



Original Color

7600B4



Achromatopsia

383838



Achromatomaly

4F2465

CSS Examples

Text

The CSS property to change the color of the text to Hex 7600B4 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 #7600B4 looks like.

```
.text, #text, p{  
    color:#7600B4  
}
```

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 #7600B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7600B4
}
```

Border

The CSS property to change the border of an element to Hex 7600B4 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
#7600B4 }
```

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

```
.border{ border-color:#7600B4 }
```

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

Here you see how a box with a 4 pixel #7600B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7600B4; -webkit-box-shadow:4px 4px  
4px 4px #7600B4; box-shadow:4px 4px 4px  
4px #7600B4 }
```

Background

The CSS property to change the background color of an element to Hex 7600B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7600B4 }
```

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

```
.background{ background-color:#7600B4 }
```

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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