

Converting Colors

Hex(7500CC)

Have a look what the booklet for
Hex(7500CC) contains.

Hex(7500CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7500CC)

Conversions

Conversions Part 1

Format	Color
Hex	7500CC
RGB	117, 0, 204
RGB Percent	46%, 0%, 80%
CMY	0.5412, 1.0000, 0.2000
CMYK	0.43, 1.00, 0.00, 0.20
HSL	274°, 100%, 40%
HSV	274°, 100%, 80%
XYZ	18.2352, 8.1415, 57.7371
YIQ	58.2390, 4.2480, 88.2480

Conversions

Conversions Part 2

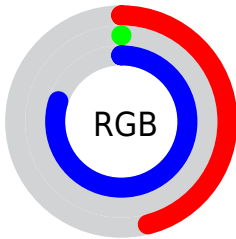
Format	Color
RYB	117, 0, 204
Decimal	7667916
CIELab	34.28, 71.67, -75.20
CIElCh	34, 103.882, 313.624
Yxy	8.1415, 0.2168, 0.0968
Android (android.graphics.Color)	4285857996 (0xFF7500CC)
YUV	58.2390, 71.8602, 51.5334
Hunter-Lab	28.5334, 64.1429, -99.9995

Details

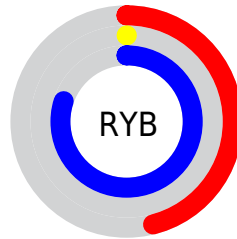
The Hex color **7500CC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **57CC00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B14CFF**, and **350094** is the 20% darker color. If you saturate the color by 10%, you get **7500CC**, and if you desaturate by 10%, it is **7E14CC**.

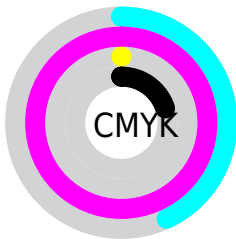
Distribution



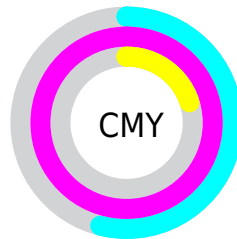
- Red (46%)
- Green (0%)
- Blue (80%)



- Red (46%)
- Yellow (0%)
- Blue (80%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7500CC 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 7500CC by changing the saturation by 10% instead.

 7500CC

 7500CC

FFFFFF

 5600B0

 B14CFF

 350094

 CF69FF

 04007A

 EE85FF

 000060

 FFA1FF

 000547

 FFBDFE

 00042F

 FFDAFF

 00011A

 FFF8FF

 000000

 7500CC

 7E14CC

 8629CC

 8F3DCC

 9852CC

 A166CC

 A97ACC

 B28FCC

 BBA3CC

 C3B8CC

Harmonies

Analogous

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



0053F8



7500CC



C40081

Triad

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



7500CC



873B00



006C76

Complementary

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



7500CC



57CC00

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.



00691B



7500CC



3F5900

Square

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



7500CC



B90000



006500



006DC5

Rectangle

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



7500CC



D3004B



006500



006B59

Sweetspot

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



7500CC



DEB3FF



0058CC



6C5280



000000



808080

Same Dimension

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



7500CC



9200FF



CC00BE



625C66



5F00A6



160026

Inverse Universe

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



CC0057



FF006D



00CC0E



665C60



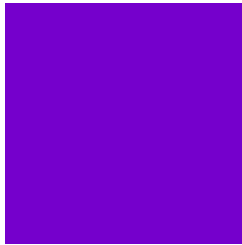
A60047



260010

Previews

White Background



This preview shows how the Hex color 7500CC looks on a white background.

Color Contrast Check

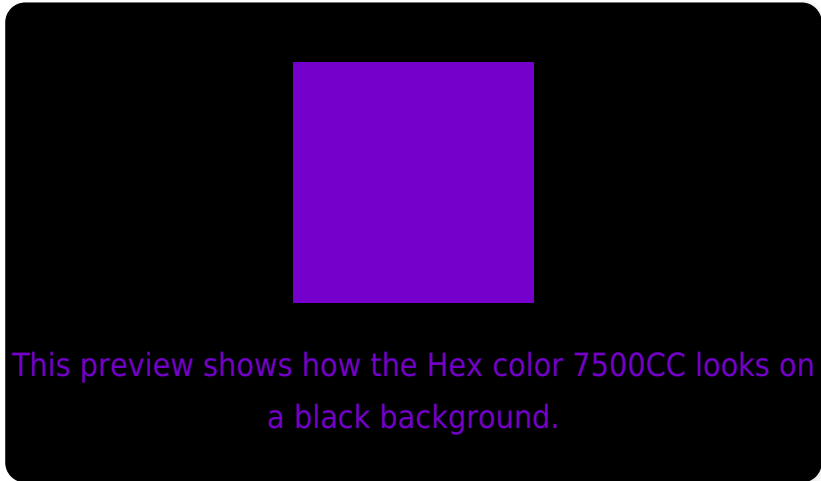
Large Text (above 18pt) WCAG AA ✓ Pass

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

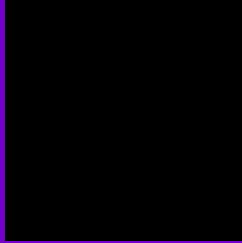
Any Text WCAG AA × Fail

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 7500CC Background



This preview shows how black text looks on a background with the Hex color 7500CC.

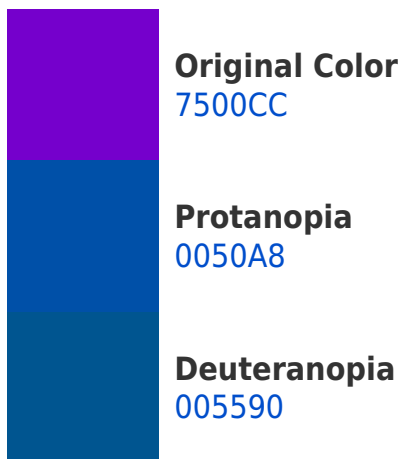


This preview shows how white text looks on a background with the Hex color 7500CC.

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
5A5056

Trichromacy



Original Color
7500CC

Protanomaly
2B33B5

Deuteranomaly
2B36A6

Tritanomaly
643381

Monochromacy



Original Color
7500CC

Achromatopsia
3A3A3A

Achromatomaly
4F256F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7500CC 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 #7500CC looks like.

```
.text, #text, p{  
    color:#7500CC  
}
```

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 #7500CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7500CC }  
}
```

Border

The CSS property to change the border of an element to Hex 7500CC 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 #7500CC }  
}
```

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

```
.border{ border-color:#7500CC }
```

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

Here you see how a box with a 4 pixel #7500CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7500CC; -webkit-box-shadow:4px 4px  
4px 4px #7500CC; box-shadow:4px 4px 4px  
4px #7500CC }
```

Background

The CSS property to change the background color of an element to Hex 7500CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7500CC }
```

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

```
.background{ background-color:#7500CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor