

Converting Colors

Hex(7500A7)

Have a look what the booklet for
Hex(7500A7) contains.

Hex(7500A7)	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(7500A7)

Conversions

Conversions Part 1

Format	Color
Hex	7500A7
RGB	117, 0, 167
RGB Percent	46%, 0%, 65%
CMY	0.5412, 1.0000, 0.3451
CMYK	0.30, 1.00, 0.00, 0.35
HSL	282°, 100%, 33%
HSV	282°, 100%, 65%
XYZ	14.3112, 6.5719, 37.0734
YIQ	54.0210, 16.1250, 76.7410

Conversions

Conversions Part 2

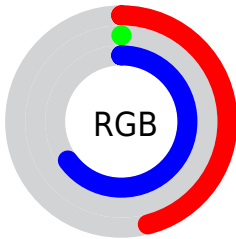
Format	Color
R_{YB}	117, 0, 167
Decimal	7667879
CIE _{Lab}	30.81, 64.23, -58.95
CIE _{LCh}	31, 87.176, 317.454
Yxy	6.5719, 0.2469, 0.1134
Android (android.graphics.Color)	4285857959 (0xFF7500A7)
YUV	54.0210, 55.6986, 55.2326
Hunter-Lab	25.6358, 54.7850, -67.7978

Details

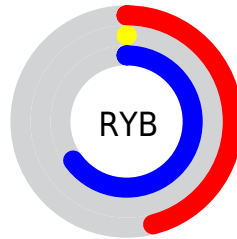
The Hex color **7500A7** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **32A700**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **AE49DF**, and **3C0072** is the 20% darker color. If you saturate the color by 10%, you get **7500A7**, and if you desaturate by 10%, it is **7A11A7**.

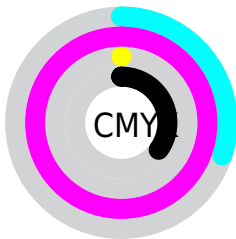
Distribution



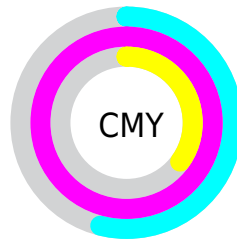
- Red (46%)
- Green (0%)
- Blue (65%)



- Red (46%)
- Yellow (0%)
- Blue (65%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (54%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7500A7 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 7500A7 by changing the saturation by 10% instead.

 7500A7

 7500A7

FFFFFF

 59008C

 AE49DF

 3C0072

 CB65FC

 210058

 E980FF

 000040

 FF9CFF

 000329

 FFB8FF

 000113

 FFD5FF

 000000

 FFF3FF

 7500A7

 7A11A7

 7F21A7

 8432A7

 8943A7

 8E53A7

 9364A7

 9875A7

 9D86A7

 A296A7

Harmonies

Analogous

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



0046CF



7500A7



AC0068

Triad

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



7500A7



713B00



006070

Complementary

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



7500A7



32A700

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.



005E28



7500A7



325200

Square

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



7500A7



9D0000



005B00



0061AE

Rectangle

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



7500A7



B6003C



005B00



006059

Sweetspot

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



7500A7



C598D9



0032A7



62466E



EDEDED



6E6E6E

Same Dimension

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



7500A7



9800D9



A70086



524C54



680094



0E0014

Inverse Universe

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



A70032



D90041



00A721



544C4E



94002C



140006

Previews

White Background



This preview shows how the Hex color 7500A7 looks on a white background.

Color Contrast Check

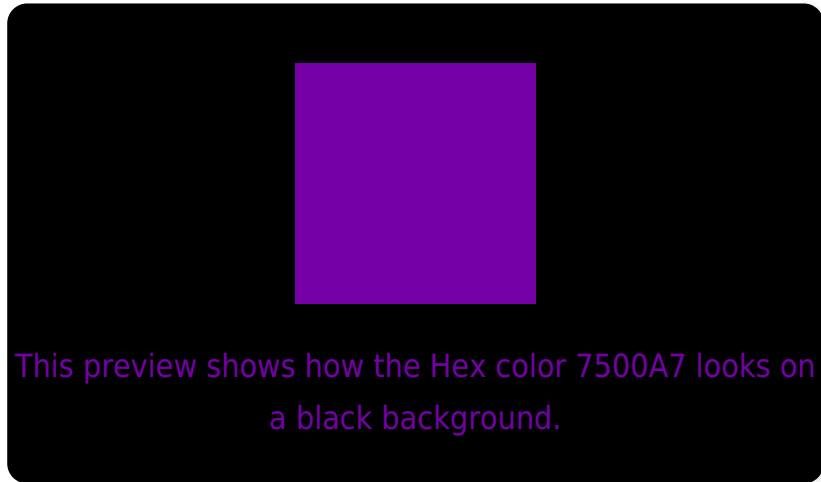
Large Text (above 18pt) WCAG AA ✓ Pass

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

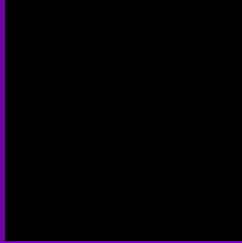
Any Text WCAG AA × Fail

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 7500A7 Background



This preview shows how black text looks on a background with the Hex color 7500A7.



This preview shows how white text looks on a background with the Hex color 7500A7.

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
7500A7

Protanopia
004999

Deuteranopia
004D85



Tritanopia
654146

Trichromacy



Original Color
7500A7



Protanomaly
2B2E9E



Deuteranomaly
2B3191



Tritanomaly
6B2969

Monochromacy



Original Color
7500A7



Achromatopsia
363636



Achromatomaly
4D225F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7500A7 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 #7500A7 looks like.

```
.text, #text, p{  
    color:#7500A7  
}
```

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 #7500A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7500A7
}
```

Border

The CSS property to change the border of an element to Hex 7500A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

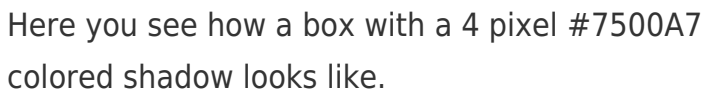
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7500A7 }
```

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

```
.border{ border-color:#7500A7 }
```

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



Here you see how a box with a 4 pixel #7500A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7500A7; -webkit-box-shadow:4px 4px  
4px 4px #7500A7; box-shadow:4px 4px 4px  
4px #7500A7 }
```

Background

The CSS property to change the background color of an element to Hex 7500A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7500A7 }
```

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

```
.background{ background-color:#7500A7 }
```

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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