

Converting Colors

Hex(7900A3)

Have a look what the booklet for
Hex(7900A3) contains.

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Color

Hex(7900A3)

Conversions

Conversions Part 1

Format	Color
Hex	7900A3
RGB	121, 0, 163
RGB Percent	47%, 0%, 64%
CMY	0.5255, 1.0000, 0.3608
CMYK	0.26, 1.00, 0.00, 0.36
HSL	285°, 100%, 32%
HSV	285°, 100%, 64%
XYZ	14.4960, 6.7093, 35.1813
YIQ	54.7610, 19.7930, 76.3450

Conversions

Conversions Part 2

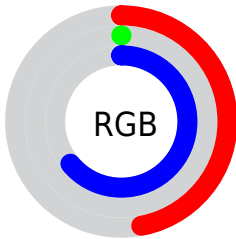
Format	Color
R_{YB}	121, 0, 163
Decimal	7930019
CIE _{Lab}	31.14, 63.97, -55.97
CIE _{LCh}	31, 84.999, 318.815
Yxy	6.7093, 0.2571, 0.1190
Android (android.graphics.Color)	4286120099 (0xFF7900A3)
YUV	54.7610, 53.3618, 58.0916
Hunter-Lab	25.9023, 54.5671, -62.3980

Details

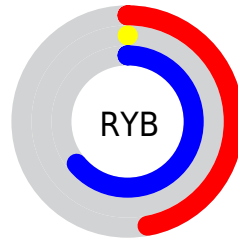
The Hex color **7900A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2AA300**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B249DB**, and **41006E** is the 20% darker color. If you saturate the color by 10%, you get **7900A3**, and if you desaturate by 10%, it is **7D10A3**.

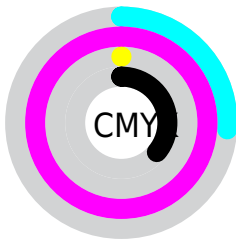
Distribution



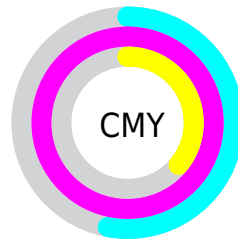
- Red (47%)
- Green (0%)
- Blue (64%)



- Red (47%)
- Yellow (0%)
- Blue (64%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (53%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7900A3 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 7900A3 by changing the saturation by 10% instead.

 7900A3

 7900A3

FFFFFF

 5D0088

 B249DB

 41006E

 CF65F8

 270055

 ED81FF

 00003D

 FF9DFF

 000226

 FFB9FF

 00010F

 FFD6FF

 000000

 FFF3FF

 7900A3

 7D10A3

 8121A3

 8631A3

 8A41A3

 8E52A3

 9262A3

 9672A3

 9B82A3

 9F93A3

Harmonies

Analogous

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



0045CB



7900A3



AC0065

Triad

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



7900A3



6F3E00



006173

Complementary

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



7900A3



2AA300

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.



005F2D



7900A3



315300

Square

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



7900A3



9B0000



005C00



0061AF

Rectangle

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



7900A3



B4003A



005C00



00605C

Sweetspot

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



7900A3



C394D4



002BA3



61456B



EBEBEB



6B6B6B

Same Dimension

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



7900A3



9D00D4



A3007D



4F4952



6C0091



0D0012

Inverse Universe

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



A3002A



D40037



00A326



52494C



910025



120005

Previews

White Background



This preview shows how the Hex color 7900A3 looks on a white background.

Color Contrast Check

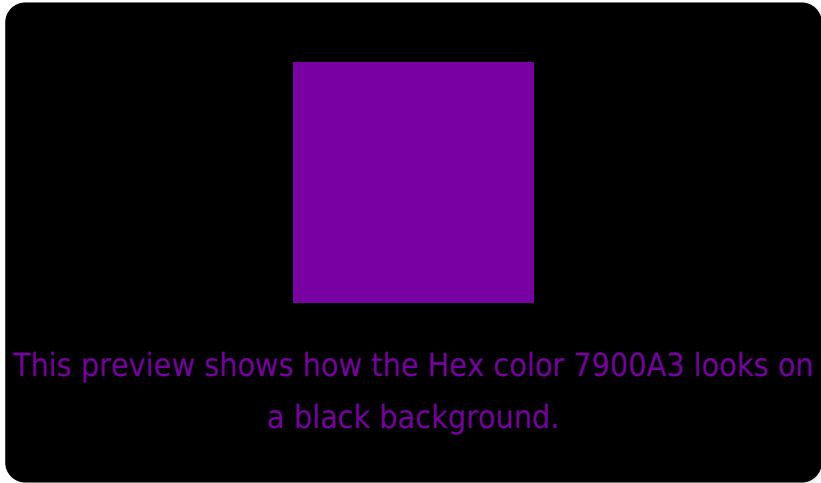
Large Text (above 18pt) WCAG AA ✓ Pass

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

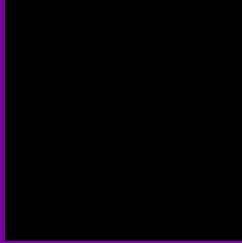
Any Text WCAG AA × Fail

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 7900A3 Background



This preview shows how black text looks on a background with the Hex color 7900A3.



This preview shows how white text looks on a background with the Hex color 7900A3.

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
7900A3

Protanopia
004A9B

Deuteranopia
004E87



Tritanopia
6A4045

Trichromacy



Original Color

7900A3



Protanomaly

2C2F9E



Deuteranomaly

2C3291



Tritanomaly

6F2967

Monochromacy



Original Color

7900A3



Achromatopsia

373737



Achromatomaly

4F235E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7900A3 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 #7900A3 looks like.

```
.text, #text, p{  
    color:#7900A3  
}
```

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 #7900A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7900A3
}
```

Border

The CSS property to change the border of an element to Hex 7900A3 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
#7900A3 }
```

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

```
.border{ border-color:#7900A3 }
```

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

Here you see how a box with a 4 pixel #7900A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7900A3; -webkit-box-shadow:4px 4px  
4px 4px #7900A3; box-shadow:4px 4px 4px  
4px #7900A3 }
```

Background

The CSS property to change the background color of an element to Hex 7900A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7900A3 }
```

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

```
.background{ background-color:#7900A3 }
```

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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