

Converting Colors

Hex(7A0995)

Have a look what the booklet for
Hex(7A0995) contains.

Hex(7A0995)	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(7A0995)

Conversions

Conversions Part 1

Format	Color
Hex	7A0995
RGB	122, 9, 149
RGB Percent	48%, 4%, 58%
CMY	0.5216, 0.9647, 0.4157
CMYK	0.18, 0.94, 0.00, 0.42
HSL	288°, 89%, 31%
HSV	288°, 94%, 58%
XYZ	13.5485, 6.5029, 28.9749
YIQ	58.7470, 22.4080, 67.4960

Conversions

Conversions Part 2

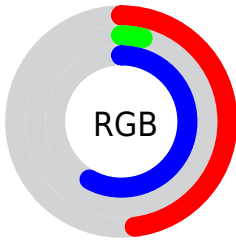
Format	Color
R_{YB}	122, 9, 149
Decimal	7997845
CIE Lab	30.65, 60.12, -48.22
CIE LCh	31, 77.068, 321.272
Yxy	6.5029, 0.2764, 0.1326
Android (android.graphics.Color)	4286187925 (0xFF7A0995)
YUV	58.7470, 44.4947, 55.4729
Hunter-Lab	25.5007, 50.2108, -49.5169

Details

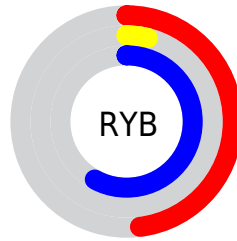
The Hex color **7A0995** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **249509**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B24CCC**, and **430061** is the 20% darker color. If you saturate the color by 10%, you get **780095**, and if you desaturate by 10%, it is **7D1895**.

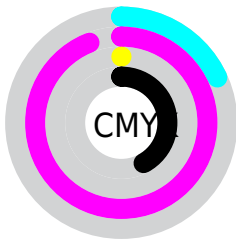
Distribution



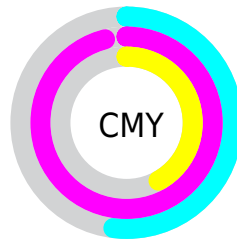
- Red (48%)
- Green (4%)
- Blue (58%)



- Red (48%)
- Yellow (4%)
- Blue (58%)



- Cyan (18%)
- Magenta (94%)
- Yellow (0%)
- Black (42%)



- Cyan (52%)
- Magenta (96%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A0995 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 7A0995 by changing the saturation by 10% instead.

 7A0995

 7A0995

FFFFFF

 5F007B

 B24CCC

 430061

 CF67E8

 2B0049

 ED82FF

 040031

 FF9EFF

 00011B

 FFBAFF

 000000

 FFD7FF

 FFF4FF

 7A0995

 7A0995

■ 780095

■ 7D1895

■ 802795

■ 833695

■ 854595

■ 885495

■ 8B6295

■ 8E7195

■ 918095

■ 948F95

Harmonies

Analogous

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



0041BB



7A0995



A4005C

Triad

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



7A0995



684000



005F73

Complementary

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



7A0995



249509

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.



005D34



7A0995



2E5200

Square

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



7A0995



911600



005A00



005EA7

Rectangle

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



7A0995



AA0035



005A00



005E5E

Sweetspot

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



7A0995



B78CC2



092595



5B4061



E0E0E0



616161

Same Dimension

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



7A0995



9C00C2



95096B



49434A



6F008A



08000A

Inverse Universe

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



950924



C20025



099533



4A4344



8A001B



0A0002

Previews

White Background



This preview shows how the Hex color 7A0995 looks on a white background.

Color Contrast Check

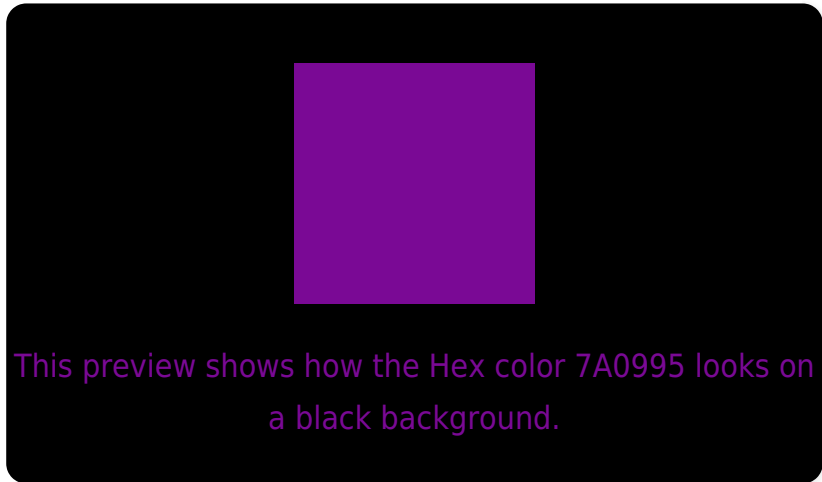
Large Text (above 18pt) WCAG AA ✓ Pass

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

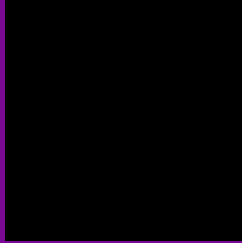
Any Text WCAG AA × Fail

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 7A0995 Background



This preview shows how black text looks on a background with the Hex color 7A0995.



This preview shows how white text looks on a background with the Hex color 7A0995.

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

7A0995

Protanopia

004897

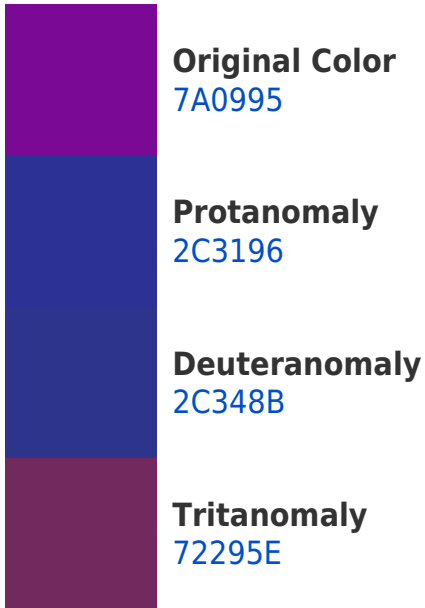
Deuteranopia

004C85

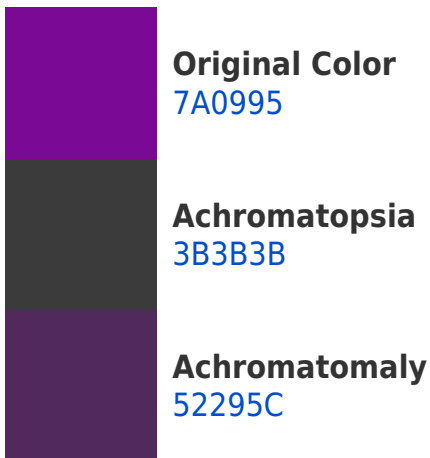


Tritanopia
6E3B3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A0995 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 #7A0995 looks like.

```
.text, #text, p{  
    color:#7A0995  
}
```

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 #7A0995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0995
}
```

Border

The CSS property to change the border of an element to Hex 7A0995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

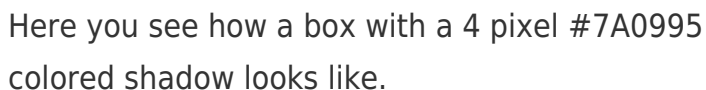
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A0995 }
```

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

```
.border{ border-color:#7A0995 }
```

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



Here you see how a box with a 4 pixel #7A0995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0995; -webkit-box-shadow:4px 4px  
4px 4px #7A0995; box-shadow:4px 4px 4px  
4px #7A0995 }
```

Background

The CSS property to change the background color of an element to Hex 7A0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0995 }
```

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

```
.background{ background-color:#7A0995 }
```

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