

Converting Colors

Hex(7A007A)

Have a look what the booklet for
Hex(7A007A) contains.

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Color

Hex(7A007A)

Conversions

Conversions Part 1

Format	Color
Hex	7A007A
RGB	122, 0, 122
RGB Percent	48%, 0%, 48%
CMY	0.5216, 1.0000, 0.5216
CMYK	0.00, 1.00, 0.00, 0.52
HSL	300°, 100%, 24%
HSV	300°, 100%, 48%
XYZ	11.5389, 5.5427, 18.8740
YIQ	50.3860, 33.5500, 63.8060

Conversions

Conversions Part 2

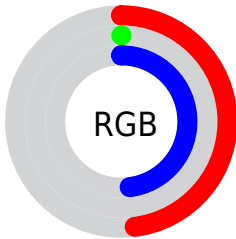
Format	Color
R_{YB}	122, 0, 122
Decimal	7995514
CIE _{Lab}	28.23, 56.94, -35.26
CIE _{LCh}	28, 66.972, 328.233
Yxy	5.5427, 0.3209, 0.1542
Android (android.graphics.Color)	4286185594 (0xFF7A007A)
YUV	50.3860, 35.3057, 62.8055
Hunter-Lab	23.5430, 46.2863, -31.0518

Details

The Hex color **7A007A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007A00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B246AF**, and **440048** is the 20% darker color. If you saturate the color by 10%, you get **7A007A**, and if you desaturate by 10%, it is **7A0C7A**.

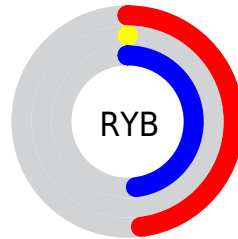
Distribution



Red (48%)

Green (0%)

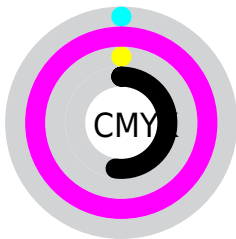
Blue (48%)



Red (48%)

Yellow (0%)

Blue (48%)

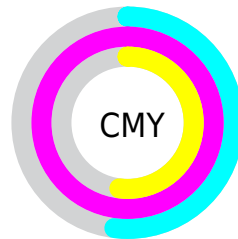


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A007A 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 7A007A by changing the saturation by 10% instead.

 7A007A

 7A007A

FFFFFF

 5F0061

 B246AF

 440048

 CF62CB

 2D0032

 EC7DE7

 00001B

 FF99FF

 000000

 FFB5FF

 FFD1FF

 FFEFFF

 7A007A

 7A0C7A

 7A187A

 7A257A

 7A317A

 7A3D7A

 7A497A

 7A557A

 7A627A

 7A6E7A

Harmonies

Analogous

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



2436A0



7A007A



960048

Triad

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



7A007A



554000



005773

Complementary

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



7A007A



007A00

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.



00563E



7A007A



1F4D00

Square

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



7A007A



7B2600



005300



00549C

Rectangle

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



7A007A



970027



005300



005662

Sweetspot

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



7A007A



9E6F9E



00007A



4F334F



CFCFCF



4F4F4F

Same Dimension

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



7A007A



9E009E



7A003D



3D373D



7D007D



FC00FC

Inverse Universe

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



7A007A



9E009E



007A3D



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7A007A looks on a white background.

Color Contrast Check

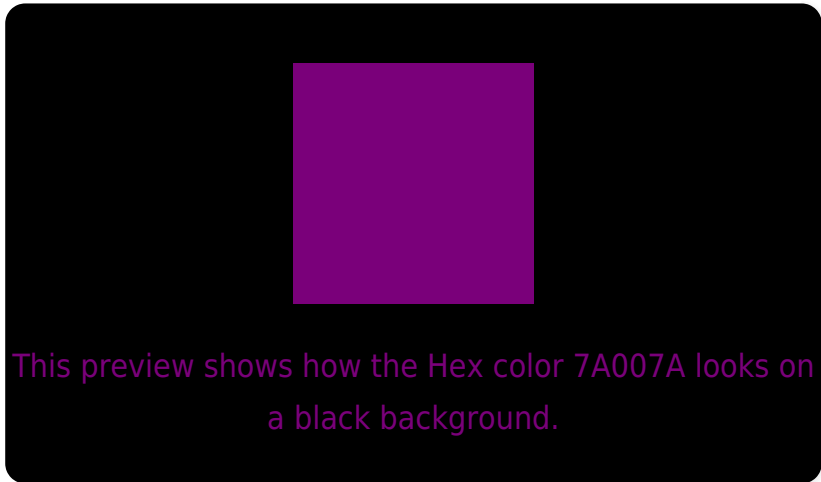
Large Text (above 18pt) WCAG AA ✓ Pass

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

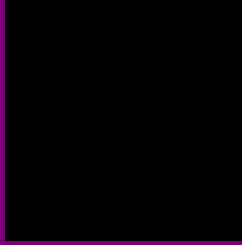
Any Text WCAG AA × Fail

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 7A007A Background



This preview shows how black text looks on a background with the Hex color 7A007A.



This preview shows how white text looks on a background with the Hex color 7A007A.

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
7A007A

Protanopia
00448F

Deuteranopia
2A4673

Trichromacy



Original Color
7A007A



Protanomaly
2C2B87



Deuteranomaly
472D76



Tritanomaly
751F4D

Monochromacy



Original Color
7A007A



Achromatopsia
323232



Achromatomaly
4C204C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A007A 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 #7A007A looks like.

```
.text, #text, p{  
    color:#7A007A  
}
```

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 #7A007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A007A
}
```

Border

The CSS property to change the border of an element to Hex 7A007A 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
#7A007A }
```

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

```
.border{ border-color:#7A007A }
```

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

Here you see how a box with a 4 pixel #7A007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A007A; -webkit-box-shadow:4px 4px  
4px 4px #7A007A; box-shadow:4px 4px 4px  
4px #7A007A }
```

Background

The CSS property to change the background color of an element to Hex 7A007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A007A }
```

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

```
.background{ background-color:#7A007A }
```

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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