

Converting Colors

Hex(7A0062)

Have a look what the booklet for
Hex(7A0062) contains.

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Color

Hex(7A0062)

Conversions

Conversions Part 1

Format	Color
Hex	7A0062
RGB	122, 0, 98
RGB Percent	48%, 0%, 38%
CMY	0.5216, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.20, 0.52
HSL	312°, 100%, 24%
HSV	312°, 100%, 48%
XYZ	10.2306, 5.0194, 11.9849
YIQ	47.6500, 41.2540, 56.3420

Conversions

Conversions Part 2

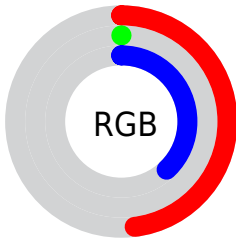
Format	Color
R_YB	122, 0, 98
Decimal	7995490
CIE _{Lab}	26.79, 53.40, -22.07
CIE _{LCh}	27, 57.786, 337.543
Yxy	5.0194, 0.3756, 0.1843
Android (android.graphics.Color)	4286185570 (0xFF7A0062)
YUV	47.6500, 24.8225, 65.2049
Hunter-Lab	22.4041, 42.3036, -16.0340

Details

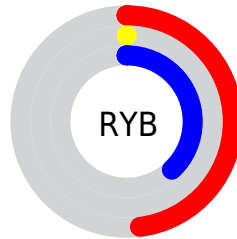
The Hex color **7A0062** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007A18**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B24595**, and **450033** is the 20% darker color. If you saturate the color by 10%, you get **7A0062**, and if you desaturate by 10%, it is **7A0C64**.

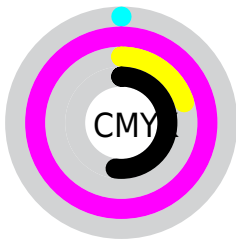
Distribution



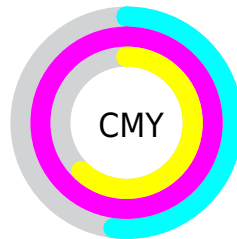
- Red (48%)
- Green (0%)
- Blue (38%)



- Red (48%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A0062 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 7A0062 by changing the saturation by 10% instead.

 7A0062

 7A0062

FFFFFF

 5F004A

 B24595

 450033

 CF60B0

 2C001E

 EC7BCB

 000000

 FF97E8

 FFB3FF

 FFCFFF

 FFE0FF

 7A0062

 7A0C64

 7A1867

 7A2569

 7A316C

 7A3D6E

 7A4970

 7A5573

 7A6275

 7A6E78

Harmonies

Analogous

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



4A2D86



7A0062



890036

Triad

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



7A0062



454100



005175

Complementary

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



7A0062



007A18

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.



00514A



7A0062



0F4B00

Square

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



7A0062



693000



004F1A



004D92

Rectangle

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



7A0062



86001A



004F1A



005167

Sweetspot

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



7A0062



9E6F95



16007A



4F3349



CFCFCF



4F4F4F

Same Dimension

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



7A0062



9E007F



7A0027



3D373C



7D0064



FC00CB

Inverse Universe

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



7A0062



9E007F



007A53



3D373C



7D0064



FC00CB

Previews

White Background



This preview shows how the Hex color 7A0062 looks on a white background.

Color Contrast Check

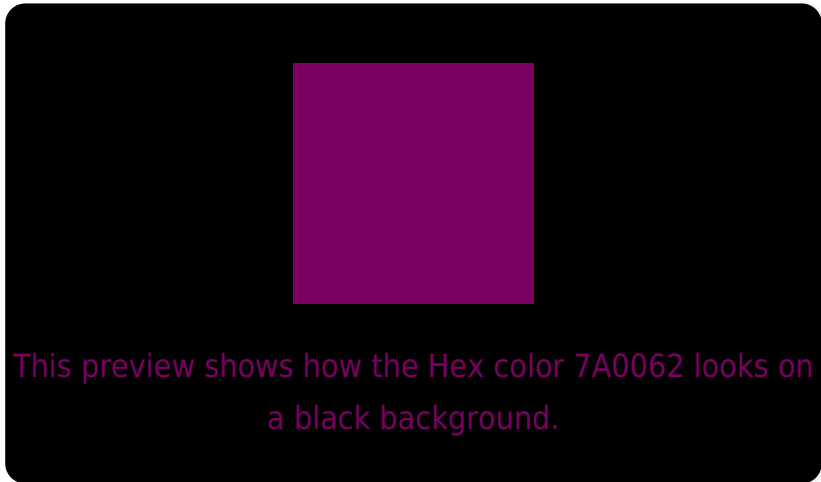
Large Text (above 18pt) WCAG AA ✓ Pass

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

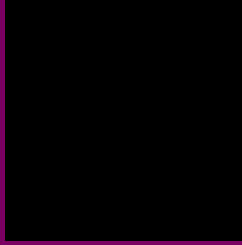
Any Text WCAG AA × Fail

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 7A0062 Background



This preview shows how black text looks on a background with the Hex color 7A0062.



This preview shows how white text looks on a background with the Hex color 7A0062.

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



Trichromacy



Original Color
7A0062

Protanomaly
2C297B

Deuteranomaly
522A5E

Tritanomaly
77193E

Monochromacy



Original Color
7A0062

Achromatopsia
303030

Achromatomaly
4B1F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A0062 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 #7A0062 looks like.

```
.text, #text, p{  
    color:#7A0062  
}
```

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 #7A0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0062
}
```

Border

The CSS property to change the border of an element to Hex 7A0062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

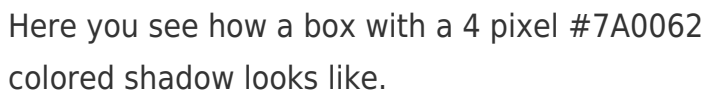
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A0062 }
```

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

```
.border{ border-color:#7A0062 }
```

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



Here you see how a box with a 4 pixel #7A0062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0062; -webkit-box-shadow:4px 4px  
4px 4px #7A0062; box-shadow:4px 4px 4px  
4px #7A0062 }
```

Background

The CSS property to change the background color of an element to Hex 7A0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0062 }
```

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

```
.background{ background-color:#7A0062 }
```

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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