

Converting Colors

Hex(71007A)

Have a look what the booklet for
Hex(71007A) contains.

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Color

Hex(71007A)

Conversions

Conversions Part 1

Format	Color
Hex	71007A
RGB	113, 0, 122
RGB Percent	44%, 0%, 48%
CMY	0.5569, 1.0000, 0.5216
CMYK	0.07, 1.00, 0.00, 0.52
HSL	296°, 100%, 24%
HSV	296°, 100%, 48%
XYZ	10.3229, 4.9159, 18.8171
YIQ	47.6950, 28.1860, 61.8980

Conversions

Conversions Part 2

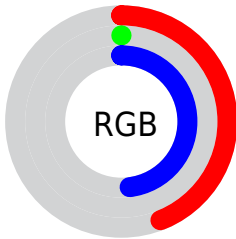
Format	Color
RYB	113, 0, 122
Decimal	7405690
CIELab	26.49, 55.39, -38.14
CIElCh	26, 67.253, 325.454
Yxy	4.9159, 0.3031, 0.1443
Android (android.graphics.Color)	4285595770 (0xFF71007A)
YUV	47.6950, 36.6324, 57.2725
Hunter-Lab	22.1717, 44.3071, -34.7992

Details

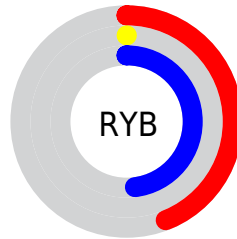
The Hex color **71007A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **097A00**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **A844AF**, and **3C0048** is the 20% darker color. If you saturate the color by 10%, you get **71007A**, and if you desaturate by 10%, it is **720C7A**.

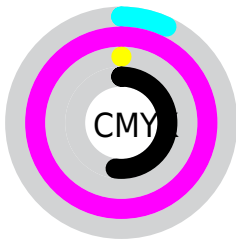
Distribution



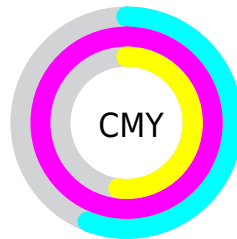
- Red (44%)
- Green (0%)
- Blue (48%)



- Red (44%)
- Yellow (0%)
- Blue (48%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)




- Cyan (56%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71007A 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 71007A by changing the saturation by 10% instead.

 71007A

 71007A

FFFFFF

 560061

 A844AF

 3C0048

 C55FCB

 240031

 E27BE7

 00011B


 FF96FF

 000000

 FFB2FF

 FFCEFF

 FFE8FF

 71007A

■ 720C7A

■ 73187A

■ 74257A

■ 75317A

■ 763D7A

■ 76497A

■ 77557A

■ 78627A

■ 796E7A

Harmonies

Analogous

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



00359E



71007A



900049

Triad

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



71007A



543A00



00526A

Complementary

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



71007A



097A00

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.



005135



71007A



214800

Square

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



71007A



791D00



004E00



005194

Rectangle

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



71007A



920028



004E00



005259

Sweetspot

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



71007A



9B6F9E



000A7A



4D334F



CFCFCF



4F4F4F

Same Dimension

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



71007A



92009E



7A0047



3D373D



74007D



EA00FC

Inverse Universe

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



7A0009



9E000C



007A33



3D3738



7D0009



FC0013

Previews

White Background



This preview shows how the Hex color 71007A looks on a white background.

Color Contrast Check

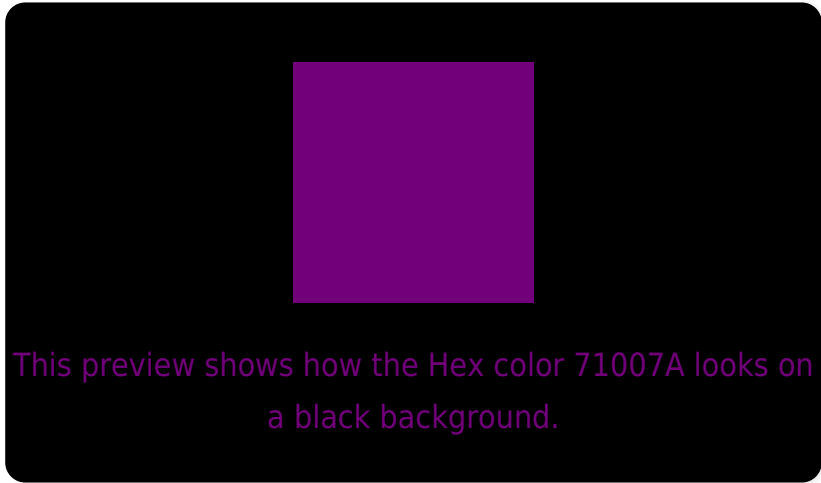
Large Text (above 18pt) WCAG AA ✓ Pass

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

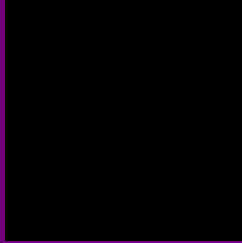
Any Text WCAG AA × Fail

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 71007A Background



This preview shows how black text looks on a background with the Hex color 71007A.



This preview shows how white text looks on a background with the Hex color 71007A.

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
71007A

Protanopia
004087

Deuteranopia
1B4373



Tritanopia
693033

Trichromacy



Original Color
71007A

Protanomaly
292982

Deuteranomaly
3A2B76

Tritanomaly
6C1F4D

Monochromacy



Original Color
71007A

Achromatopsia
303030

Achromatomaly
481F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 71007A 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 #71007A looks like.

```
.text, #text, p{  
    color:#71007A  
}
```

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 #71007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71007A
}
```

Border

The CSS property to change the border of an element to Hex 71007A 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".

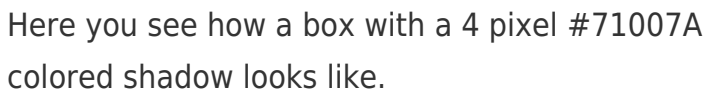
```
.border, #border, table{ border:4px solid
#71007A }
```

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

```
.border{ border-color:#71007A }
```

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

Here you see how a box with a 4 pixel #71007A colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71007A; -webkit-box-shadow:4px 4px  
4px 4px #71007A; box-shadow:4px 4px 4px  
4px #71007A }
```

Background

The CSS property to change the background color of an element to Hex 71007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71007A }
```

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

```
.background{ background-color:#71007A }
```

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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