

Converting Colors

Hex(41007A)

Have a look what the booklet for
Hex(41007A) contains.

Hex(41007A)	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(41007A)

Conversions

Conversions Part 1

Format	Color
Hex	41007A
RGB	65, 0, 122
RGB Percent	25%, 0%, 48%
CMY	0.7451, 1.0000, 0.5216
CMYK	0.47, 1.00, 0.00, 0.52
HSL	272°, 100%, 24%
HSV	272°, 100%, 48%
XYZ	5.6928, 2.5290, 18.6004
YIQ	33.3430, -0.4220, 51.7220

Conversions

Conversions Part 2

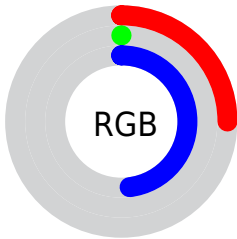
Format	Color
RYB	65, 0, 122
Decimal	4259962
CIELab	18.05, 48.87, -52.27
CIELCh	18, 71.553, 313.073
Yxy	2.5290, 0.2122, 0.0943
Android (android.graphics.Color)	4282450042 (0xFF41007A)
YUV	33.3430, 43.7079, 27.7632
Hunter-Lab	15.9027, 36.0695, -58.2161

Details

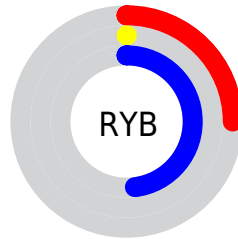
The Hex color **41007A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **397A00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **783AB0**, and **060048** is the 20% darker color. If you saturate the color by 10%, you get **41007A**, and if you desaturate by 10%, it is **470C7A**.

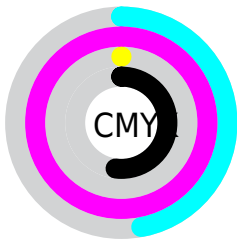
Distribution



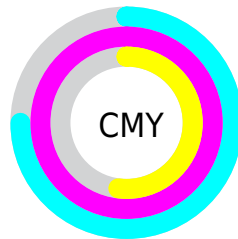
- Red (25%)
- Green (0%)
- Blue (48%)



- Red (25%)
- Yellow (0%)
- Blue (48%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41007A 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 41007A by changing the saturation by 10% instead.

 41007A

 41007A

 FFF8FF

 240060

 783AB0

 060048

 9453CB

 000430

 B06DE8

 00011B

 CD88FF

 000000

 EAA3FF

 FFBEFF

 FFDBFF

 41007A

■ 470C7A

■ 4C187A

■ 52257A

■ 58317A

■ 5D3D7A

■ 63497A

■ 69557A

■ 6F627A

■ 746E7A

Harmonies

Analogous

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



002E95



41007A



73004C

Triad

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



41007A



4E1E00



003E43

Complementary

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



41007A



397A00

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.



003C08



41007A



223100

Square

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



41007A



6E0000



003900



003E74

Rectangle

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



41007A



7D002A



003900



003D30

Sweetspot

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



41007A



886F9E



003B7A



42334F



CFCFCF



4F4F4F

Same Dimension

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



41007A



54009E



7A0078



3A373D



43007D



8700FC

Inverse Universe

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



7A0039



9E004A



007A02



3D373A



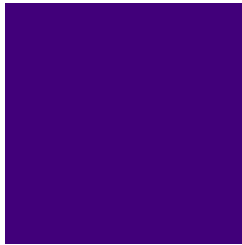
7D003A



FC0076

Previews

White Background



This preview shows how the Hex color 41007A looks on a white background.

Color Contrast Check

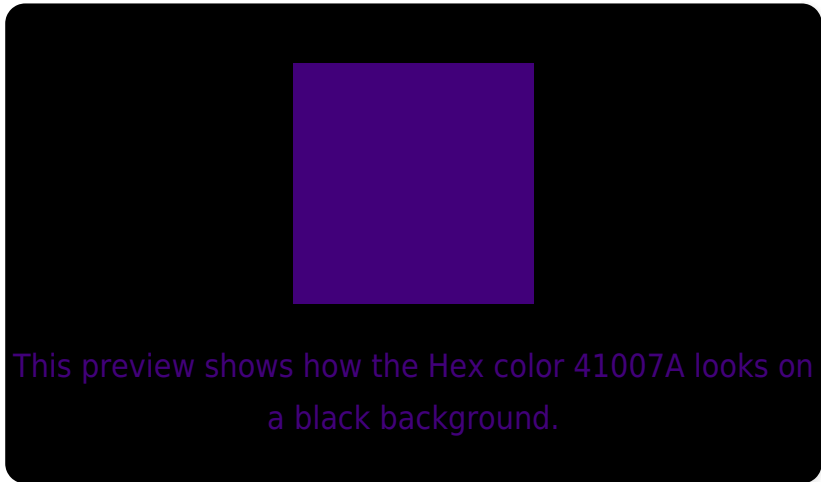
Large Text (above 18pt) WCAG AA ✓ Pass

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

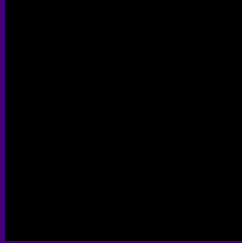
Any Text WCAG AA × Fail

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 41007A Background



This preview shows how black text looks on a background with the Hex color 41007A.



This preview shows how white text looks on a background with the Hex color 41007A.

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
41007A

Protanopia
002E61

Deuteranopia
003153

Trichromacy



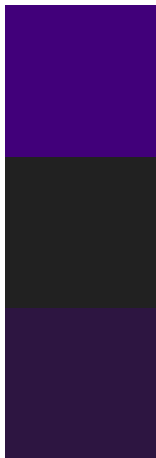
Original Color
41007A

Protanomaly
181D6A

Deuteranomaly
181F61

Tritanomaly
361F4D

Monochromacy



Original Color
41007A

Achromatopsia
212121

Achromatomaly
2D1541

CSS Examples

Text

The CSS property to change the color of the text to Hex 41007A 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 #41007A looks like.

```
.text, #text, p{  
    color:#41007A  
}
```

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 #41007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41007A
}
```

Border

The CSS property to change the border of an element to Hex 41007A is called "border". The border property can be set on classes, ids or directly on the HTML element.

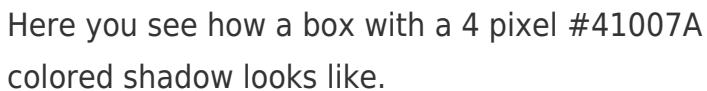
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41007A }
```

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

```
.border{ border-color:#41007A }
```

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



Here you see how a box with a 4 pixel #41007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41007A; -webkit-box-shadow:4px 4px  
4px 4px #41007A; box-shadow:4px 4px 4px  
4px #41007A }
```

Background

The CSS property to change the background color of an element to Hex 41007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41007A }
```

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

```
.background{ background-color:#41007A }
```

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