

Converting Colors

Hex(7A0E73)

Have a look what the booklet for
Hex(7A0E73) contains.

Hex(7A0E73)	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(7A0E73)

Conversions

Conversions Part 1

Format	Color
Hex	7A0E73
RGB	122, 14, 115
RGB Percent	48%, 5%, 45%
CMY	0.5216, 0.9451, 0.5490
CMYK	0.00, 0.89, 0.06, 0.52
HSL	304°, 79%, 27%
HSV	304°, 89%, 48%
XYZ	11.2776, 5.6895, 16.7234
YIQ	57.8060, 31.9470, 54.3070

Conversions

Conversions Part 2

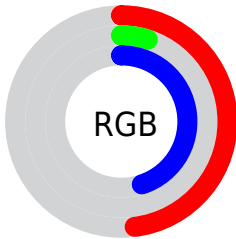
Format	Color
R_{YB}	122, 14, 115
Decimal	7999091
CIE _{Lab}	28.62, 53.39, -30.18
CIE _{LCh}	29, 61.331, 330.517
Yxy	5.6895, 0.3347, 0.1689
Android (android.graphics.Color)	4286189171 (0xFF7A0E73)
YUV	57.8060, 28.1966, 56.2981
Hunter-Lab	23.8526, 42.6535, -24.8724

Details

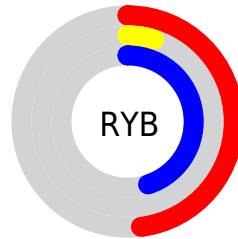
The Hex color **7A0E73** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0E7A15**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B24BA7**, and **450042** is the 20% darker color. If you saturate the color by 10%, you get **7A0272**, and if you desaturate by 10%, it is **7A1A74**.

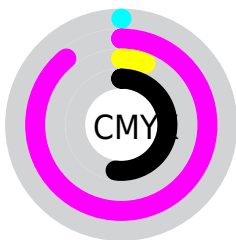
Distribution



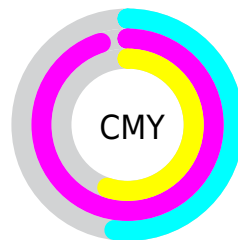
- Red (48%)
- Green (5%)
- Blue (45%)



- Red (48%)
- Yellow (5%)
- Blue (45%)



- Cyan (0%)
- Magenta (89%)
- Yellow (6%)
- Black (5%)



- Cyan (52%)
- Magenta (95%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A0E73 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 7A0E73 by changing the saturation by 10% instead.

7A0E73

7A0E73

FFFFFF

5F005A

B24BA7

450042

CE66C3

2E002C

EB81DF

000016

FF9DFC

000000

FFB9FF

FFD5FF

FFF2FF

7A0E73

7A0E73

■ 7A0272

■ 7A1A74

■ 7A0072

■ 7A2675

■ 7A3375

■ 7A3F76

■ 7A4B77

■ 7A5778

■ 7A6379

■ 7A7079

■ 7A7C7A

Harmonies

Analogous

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



383697



7A0E73



910045

Triad

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



7A0E73



534200



005673

Complementary

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



7A0E73



0E7A15

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.



005643



7A0E73



224E00

Square

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



7A0E73



772C00



00530E



005497

Rectangle

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



7A0E73



910026



00530E



005664

Sweetspot

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



7A0E73



9E739B



130E7A



4F364D



CFCFCF



4F4F4F

Same Dimension

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



7A0E73



9E0094



7A0E3F



3D373D



7D0075



FC00EC

Inverse Universe

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



7A0E73



9E0094



0E7A49



3D373D



7D0075



FC00EC

Previews

White Background



This preview shows how the Hex color 7A0E73 looks on a white background.

Color Contrast Check

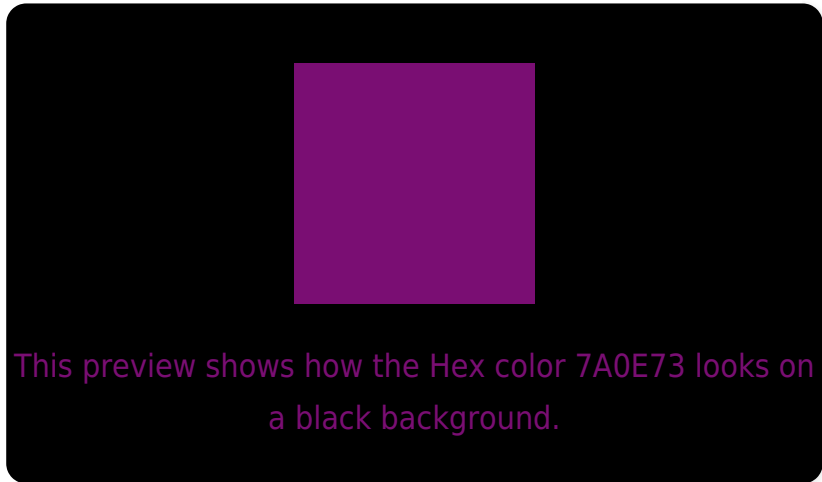
Large Text (above 18pt) WCAG AA ✓ Pass

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

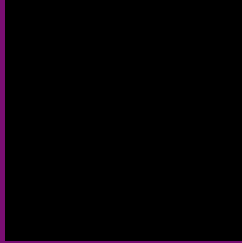
Any Text WCAG AA × Fail

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 7A0E73 Background



This preview shows how black text looks on a background with the Hex color 7A0E73.



This preview shows how white text looks on a background with the Hex color 7A0E73.

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





Tritanopia
732E31

Trichromacy



Original Color
7A0E73

Protanomaly
2C3084

Deuteranomaly
4C326F

Tritanomaly
762249

Monochromacy



Original Color
7A0E73

Achromatopsia
3A3A3A

Achromatomaly
512A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A0E73 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 #7A0E73 looks like.

```
.text, #text, p{  
    color:#7A0E73  
}
```

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 #7A0E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0E73  
}
```

Border

The CSS property to change the border of an element to Hex 7A0E73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

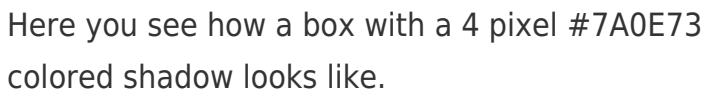
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7A0E73 }
```

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

```
.border{ border-color:#7A0E73 }
```

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



Here you see how a box with a 4 pixel #7A0E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0E73; -webkit-box-shadow:4px 4px  
4px 4px #7A0E73; box-shadow:4px 4px 4px  
4px #7A0E73 }
```

Background

The CSS property to change the background color of an element to Hex 7A0E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0E73 }
```

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

```
.background{ background-color:#7A0E73 }
```

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