

Converting Colors

Hex(7A0065)

Have a look what the booklet for
Hex(7A0065) contains.

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Color

Hex(7A0065)

Conversions

Conversions Part 1

Format	Color
Hex	7A0065
RGB	122, 0, 101
RGB Percent	48%, 0%, 40%
CMY	0.5216, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.17, 0.52
HSL	310°, 100%, 24%
HSV	310°, 100%, 48%
XYZ	10.3750, 5.0772, 12.7451
YIQ	47.9920, 40.2910, 57.2750

Conversions

Conversions Part 2

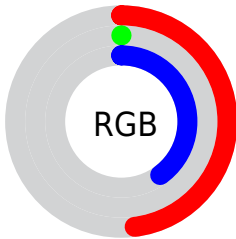
Format	Color
R_{YB}	122, 0, 101
Decimal	7995493
CIE _{Lab}	26.95, 53.81, -23.78
CIE _{LCh}	27, 58.831, 336.162
Yxy	5.0772, 0.3679, 0.1801
Android (android.graphics.Color)	4286185573 (0xFF7A0065)
YUV	47.9920, 26.1329, 64.9050
Hunter-Lab	22.5326, 42.7575, -17.7634

Details

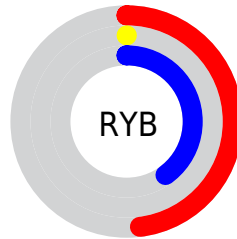
The Hex color **7A0065** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007A15**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **B24598**, and **450036** is the 20% darker color. If you saturate the color by 10%, you get **7A0065**, and if you desaturate by 10%, it is **7A0C67**.

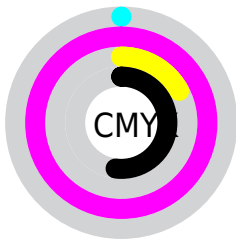
Distribution



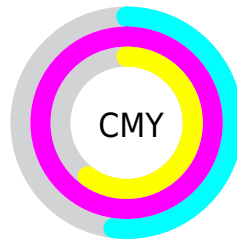
- Red (48%)
- Green (0%)
- Blue (40%)



- Red (48%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A0065 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 7A0065 by changing the saturation by 10% instead.

 7A0065

 7A0065

FFFFFF

 5F004D

 B24598

 450036

 CF60B3

 2D0020

 EC7BCF

 000003

 FF97EB

 000000

 FFB3FF

 FFCFFF

 FFECFF

 7A0065

 7A0C67

 7A1869

 7A256B

 7A316D

 7A3D6F

 7A4972

 7A5574

 7A6276

 7A6E78

Harmonies

Analogous

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



462E8A



7A0065



8B0039

Triad

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



7A0065



474100



005174

Complementary

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



7A0065



007A15

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.



005148



7A0065



124B00

Square

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



7A0065



6B2F00



005018



004E93

Rectangle

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



7A0065



88001C



005018



005267

Sweetspot

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



7A0065



9E6F96



14007A



4F334A



CFCFCF



4F4F4F

Same Dimension

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



7A0065



9E0083



7A0029



3D373C



7D0067



FC00D1

Inverse Universe

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



7A0065



9E0083



007A51



3D373C



7D0067



FC00D1

Previews

White Background



This preview shows how the Hex color 7A0065 looks on a white background.

Color Contrast Check

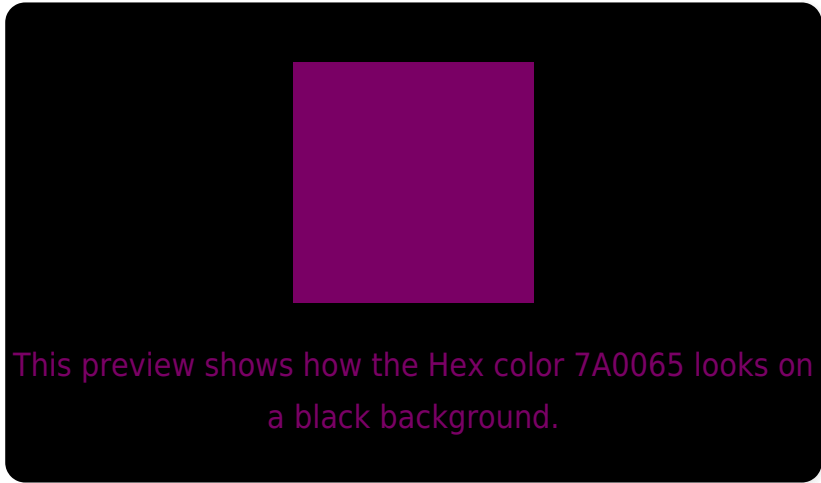
Large Text (above 18pt) WCAG AA ✓ Pass

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

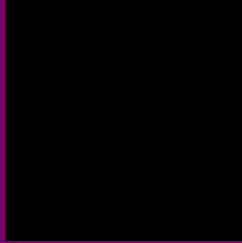
Any Text WCAG AA × Fail

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 7A0065 Background



This preview shows how black text looks on a background with the Hex color 7A0065.

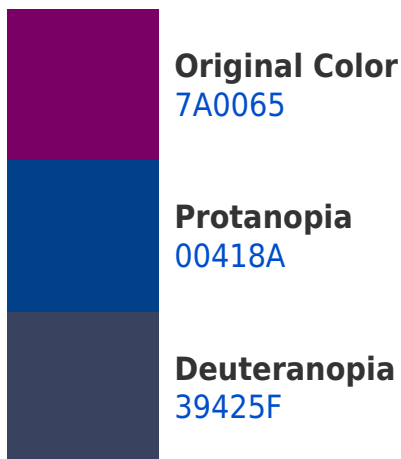



This preview shows how white text looks on a background with the Hex color 7A0065.

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
75282A

Trichromacy



Original Color
7A0065



Protanomaly
2C297D



Deuteranomaly
512A61



Tritanomaly
77193F

Monochromacy



Original Color
7A0065



Achromatopsia
303030



Achromatomaly
4B1F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A0065 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 #7A0065 looks like.

```
.text, #text, p{  
    color:#7A0065  
}
```

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 #7A0065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0065
}
```

Border

The CSS property to change the border of an element to Hex 7A0065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

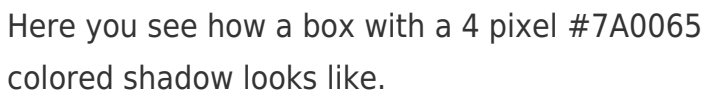
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A0065 }
```

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

```
.border{ border-color:#7A0065 }
```

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



Here you see how a box with a 4 pixel #7A0065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0065; -webkit-box-shadow:4px 4px  
4px 4px #7A0065; box-shadow:4px 4px 4px  
4px #7A0065 }
```

Background

The CSS property to change the background color of an element to Hex 7A0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0065 }
```

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

```
.background{ background-color:#7A0065 }
```

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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