

Converting Colors

Hex(7F037F)

Have a look what the booklet for
Hex(7F037F) contains.

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Color

Hex(7F037F)

Conversions

Conversions Part 1

Format	Color
Hex	7F037F
RGB	127, 3, 127
RGB Percent	50%, 1%, 50%
CMY	0.5020, 0.9882, 0.5020
CMYK	0.00, 0.98, 0.00, 0.50
HSL	300°, 95%, 25%
HSV	300°, 98%, 50%
XYZ	12.6157, 6.1095, 20.5930
YIQ	54.2120, 34.1000, 64.8520

Conversions

Conversions Part 2

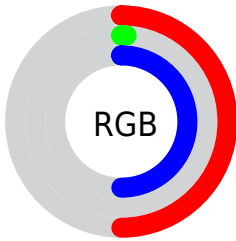
Format	Color
RYB	127, 3, 127
Decimal	8323967
CIELab	29.69, 58.13, -36.03
CIELCh	30, 68.387, 328.205
Yxy	6.1095, 0.3209, 0.1554
Android (android.graphics.Color)	4286514047 (0xFF7F037F)
YUV	54.2120, 35.8845, 63.8351
Hunter-Lab	24.7173, 47.8511, -32.0948

Details

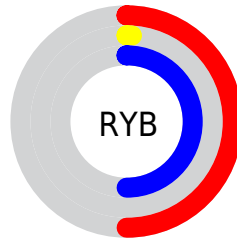
The Hex color **7F037F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **037F03**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B749B4**, and **49004D** is the 20% darker color. If you saturate the color by 10%, you get **7F007F**, and if you desaturate by 10%, it is **7F107F**.

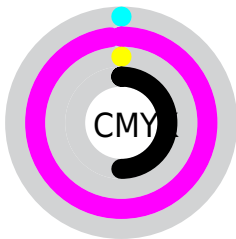
Distribution



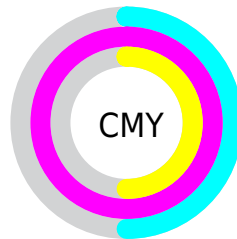
- Red (50%)
- Green (1%)
- Blue (50%)



- Red (50%)
- Yellow (1%)
- Blue (50%)



- Cyan (0%)
- Magenta (98%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (99%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F037F 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 7F037F by changing the saturation by 10% instead.

 7F037F

 7F037F

FFFFFF

 640066

 B749B4

 49004D

 D465D0

 320036

 F280ED

 0E001F

 FF9CFF

 000002

 FFB8FF

 000000

 FFD5FF

 FFF2FF

 7F037F

 7F037F

■ 7F007F

■ 7F107F

■ 7F1C7F

■ 7F297F

■ 7F367F

■ 7F427F

■ 7F4F7F

■ 7F5C7F

■ 7F697F

■ 7F757F

Harmonies

Analogous

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



2739A6



7F037F



9C004C

Triad

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



7F037F



594300



005B77

Complementary

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



7F037F



037F03

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.



005A41



7F037F



225100

Square

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



7F037F



802800



005700



0058A1

Rectangle

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



7F037F



9D0029



005700



005A66

Sweetspot

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



7F037F



A676A6



03037F



543754



D4D4D4



545454

Same Dimension

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



7F037F



A600A6



7F0341



403940



800080



000000

Inverse Universe

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



7F037F



A600A6



037F41



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 7F037F looks on a white background.

Color Contrast Check

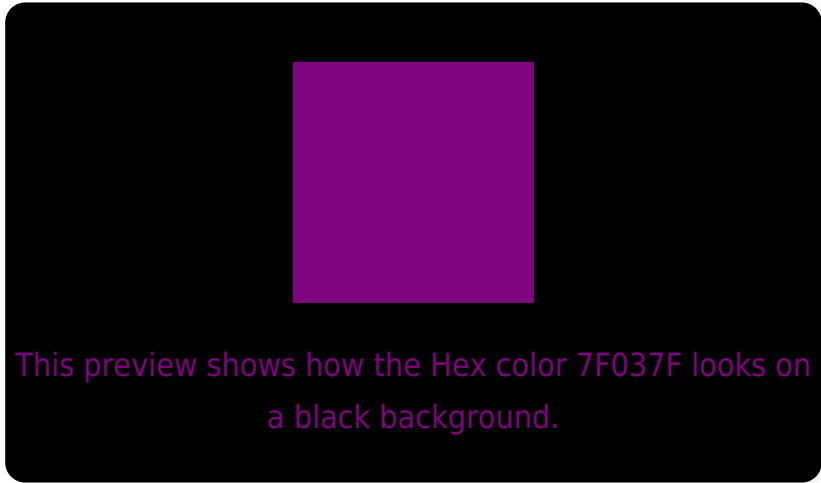
Large Text (above 18pt) WCAG AA ✓ Pass

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

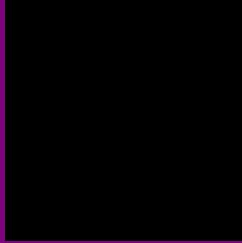
Any Text WCAG AA × Fail

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 7F037F Background



This preview shows how black text looks on a background with the Hex color 7F037F.



This preview shows how white text looks on a background with the Hex color 7F037F.

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
7F037F

Protanomaly
2E2E8D

Deuteranomaly
4A307A

Tritanomaly
7A2150

Monochromacy



Original Color
7F037F

Achromatopsia
363636

Achromatomaly
512351

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F037F 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 #7F037F looks like.

```
.text, #text, p{  
    color:#7F037F  
}
```

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 #7F037F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F037F
}
```

Border

The CSS property to change the border of an element to Hex 7F037F is called "border". The border property can be set on classes, ids or directly on the HTML element.

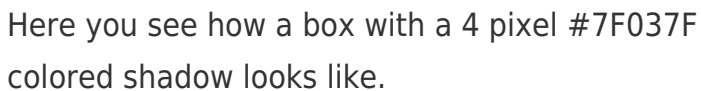
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F037F }
```

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

```
.border{ border-color:#7F037F }
```

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



Here you see how a box with a 4 pixel #7F037F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F037F; -webkit-box-shadow:4px 4px  
4px 4px #7F037F; box-shadow:4px 4px 4px  
4px #7F037F }
```

Background

The CSS property to change the background color of an element to Hex 7F037F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F037F }
```

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

```
.background{ background-color:#7F037F }
```

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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