

Converting Colors

Hex(70037E)

Have a look what the booklet for
Hex(70037E) contains.

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Color

Hex(70037E)

Conversions

Conversions Part 1

Format	Color
Hex	70037E
RGB	112, 3, 126
RGB Percent	44%, 1%, 49%
CMY	0.5608, 0.9882, 0.5059
CMYK	0.11, 0.98, 0.00, 0.51
HSL	293°, 95%, 25%
HSV	293°, 98%, 49%
XYZ	10.4805, 5.0162, 20.1545
YIQ	49.6130, 25.4810, 61.3610

Conversions

Conversions Part 2

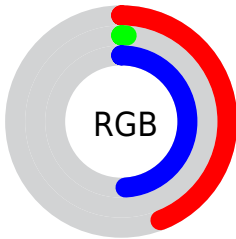
Format	Color
R_{YB}	112, 3, 126
Decimal	7340926
CIE _{Lab}	26.78, 55.36, -40.22
CIE _{LCh}	27, 68.432, 324.002
Yxy	5.0162, 0.2940, 0.1407
Android (android.graphics.Color)	4285531006 (0xFF70037E)
YUV	49.6130, 37.6588, 54.7134
Hunter-Lab	22.3969, 44.3337, -37.6759

Details

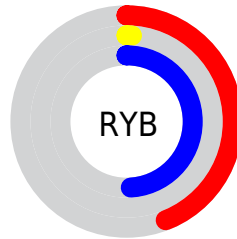
The Hex color **70037E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **117E03**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A746B3**, and **3B004C** is the 20% darker color. If you saturate the color by 10%, you get **70007E**, and if you desaturate by 10%, it is **71107E**.

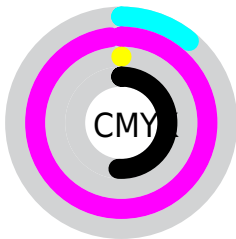
Distribution



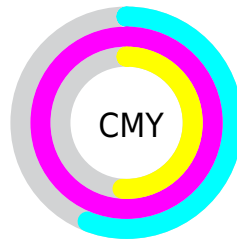
- Red (44%)
- Green (1%)
- Blue (49%)



- Red (44%)
- Yellow (1%)
- Blue (49%)



- Cyan (11%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70037E 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 70037E by changing the saturation by 10% instead.

 70037E

 70037E

FFFFFF

 550065

 A746B3

 3B004C

 C461CF

 230035

 E17CEC

 00021E

 FE97FF

 000000

 FFB3FF

 FFCFFF

 FFECFF

 70037E

 70037E

■ 70007E

■ 71107E

■ 731C7E

■ 74297E

■ 76357E

■ 77427E

■ 794F7E

■ 7A5B7E

■ 7B687E

■ 7D747E

Harmonies

Analogous

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



0037A1



70037E



91004C

Triad

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



70037E



573A00



005369

Complementary

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



70037E



117E03

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.



005233



70037E



244900

Square

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



70037E



7C1A00



004F00



005295

Rectangle

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



70037E



95002A



004F00



005358

Sweetspot

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



70037E



9E74A3



03117E



4E3552



D1D1D1



525252

Same Dimension

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



70037E



9100A3



7E034F



3F3940



710080



000000

Inverse Universe

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



7E0311



A30013



037E32



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 70037E looks on a white background.

Color Contrast Check

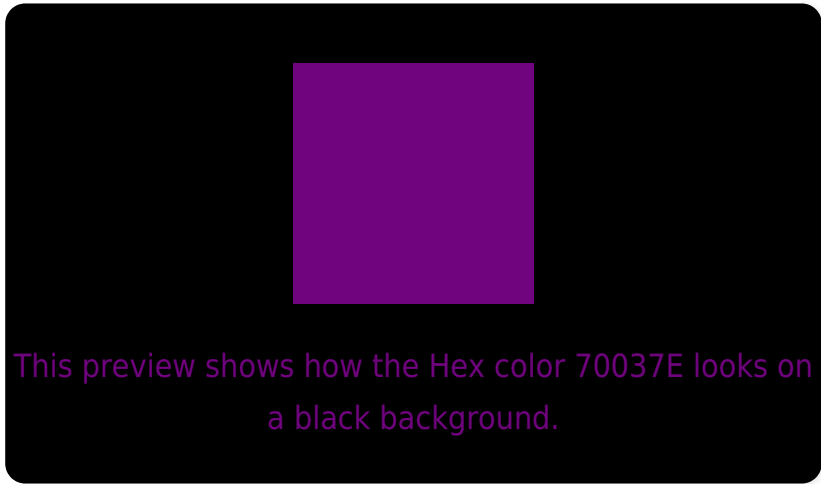
Large Text (above 18pt) WCAG AA ✓ Pass

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

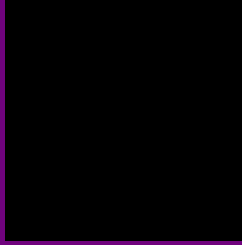
Any Text WCAG AA × Fail

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 70037E Background



This preview shows how black text looks on a background with the Hex color 70037E.



This preview shows how white text looks on a background with the Hex color 70037E.

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
70037E

Protanopia
004087

Deuteranopia
0F4376



Tritanopia
673135

Trichromacy



Original Color
70037E

Protanomaly
292A84

Deuteranomaly
322C79

Tritanomaly
6A2050

Monochromacy



Original Color
70037E

Achromatopsia
323232

Achromatomaly
49214E

CSS Examples

Text

The CSS property to change the color of the text to Hex 70037E 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 #70037E looks like.

```
.text, #text, p{  
    color:#70037E  
}
```

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 #70037E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70037E
}
```

Border

The CSS property to change the border of an element to Hex 70037E is called "border". The border property can be set on classes, ids or directly on the HTML element.

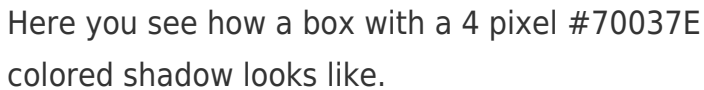
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70037E }
```

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

```
.border{ border-color:#70037E }
```

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



Here you see how a box with a 4 pixel #70037E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70037E; -webkit-box-shadow:4px 4px  
4px 4px #70037E; box-shadow:4px 4px 4px  
4px #70037E }
```

Background

The CSS property to change the background color of an element to Hex 70037E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70037E }
```

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

```
.background{ background-color:#70037E }
```

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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