

# Converting Colors

Hex(770853)

Have a look what the booklet for  
Hex(770853) contains.

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# Color

**Hex(770853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	770853
RGB	119, 8, 83
RGB Percent	47%, 3%, 33%
CMY	0.5333, 0.9686, 0.6745
CMYK	0.00, 0.93, 0.30, 0.53
HSL	319°, 87%, 25%
HSV	319°, 93%, 47%
XYZ	9.2559, 4.7201, 8.6068
YIQ	49.7390, 42.0810, 46.8570

# Conversions

## Conversions Part 2

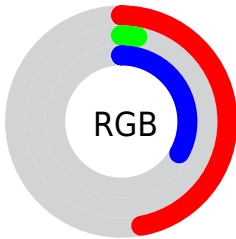
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 8, 83
Decimal	7800915
CIELab	25.92, 49.34, -13.55
CIElCh	26, 51.166, 344.638
Yxy	4.7201, 0.4099, 0.2090
Android (android.graphics.Color)	4285990995 (0xFF770853)
YUV	49.7390, 16.3977, 60.7419
Hunter-Lab	21.7259, 38.0264, -8.2800

# Details

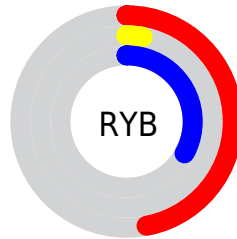
The Hex color **770853** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **08772C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **AF4785**, and **420026** is the 20% darker color. If you saturate the color by 10%, you get **770050**, and if you desaturate by 10%, it is **771457**.

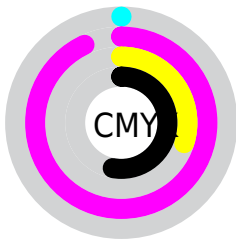
# Distribution



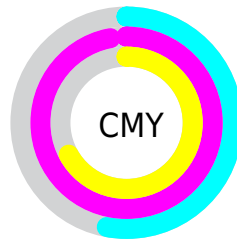
- Red (47%)
- Green (3%)
- Blue (33%)



- Red (47%)
- Yellow (3%)
- Blue (33%)



- Cyan (0%)
- Magenta (93%)
- Yellow (30%)
- Black (53%)



- Cyan (53%)
- Magenta (97%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 770853 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 770853 by changing the saturation by 10% instead.



770853

770853

FFFFFF

5C003C

AF4785

420026

CB619F

2A0010

E97CBA

000000

FF97D5

FFB3F2

FFCFFF

FFECFF

770853

770853

■ 770050

■ 771457

■ 77205B

■ 772C5F

■ 773862

■ 774366

■ 774F6A

■ 775B6E

■ 776772

■ 777376

# Harmonies

## Analogous

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



552875



770853



7F002C

# Triad

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



770853



3B4200



004D74

# Complementary

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



770853



08772C

# 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.



004E50



770853



004900

# Square

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



770853



5C3400



004C27



004889

# Rectangle

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



770853



7A1513



004C27



004D69



# Sweetspot

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



770853



9C708D



2B0877



4F3446



CFCFCF



4F4F4F



# Same Dimension

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



770853



9C0069



77081C



3B3539



7A0053



FA00A9



# Inverse Universe

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



770853



9C0069



087763



3B3539



7A0053

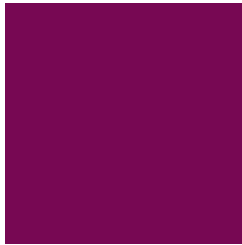


FA00A9



# Previews

## White Background



This preview shows how the Hex color 770853 looks on a white background.

## Color Contrast Check

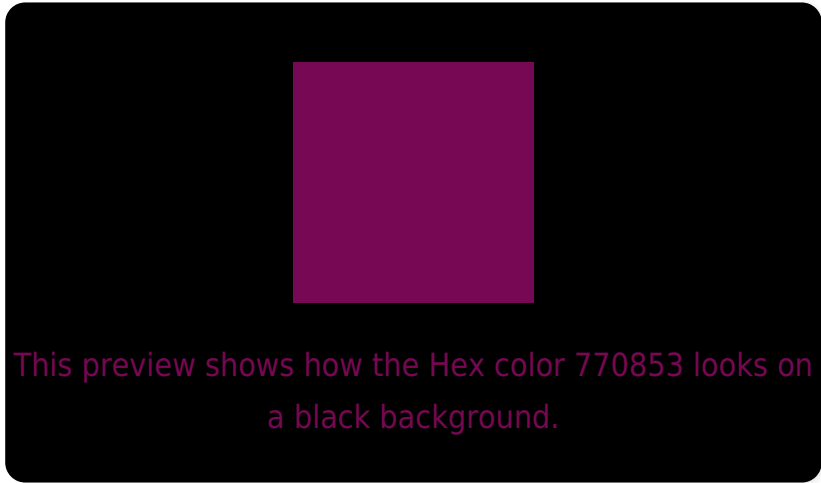
Large Text (above 18pt) WCAG AA ✓ Pass

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

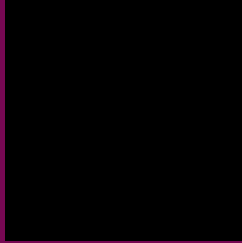
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 770853 Background



This preview shows how black text looks on a background with the Hex color 770853.

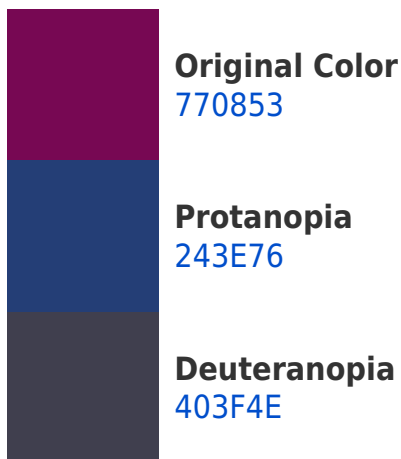


This preview shows how white text looks on a background with the Hex color 770853.

# 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



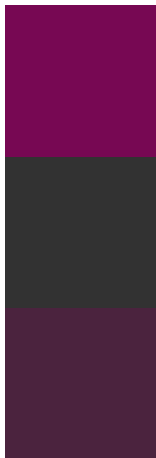
**Original Color**  
770853

**Protanomaly**  
422A69

**Deuteranomaly**  
542B50

**Tritanomaly**  
751834

# Monochromacy



**Original Color**  
770853

**Achromatopsia**  
323232

**Achromatomaly**  
4B233E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 770853 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 #770853 looks like.

```
.text, #text, p{  
    color:#770853  
}
```

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 #770853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #770853
}
```

## Border

The CSS property to change the border of an element to Hex 770853 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
#770853 }
```

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

```
.border{ border-color:#770853 }
```

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

Here you see how a box with a 4 pixel #770853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #770853; -webkit-box-shadow:4px 4px  
4px 4px #770853; box-shadow:4px 4px 4px  
4px #770853 }
```

# Background

The CSS property to change the background color of an element to Hex 770853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#770853 }
```

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

```
.background{ background-color:#770853 }
```

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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