

Converting Colors

Hex(770058)

Have a look what the booklet for
Hex(770058) contains.

Hex(770058)	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(770058)

Conversions

Conversions Part 1

Format	Color
Hex	770058
RGB	119, 0, 88
RGB Percent	47%, 0%, 35%
CMY	0.5333, 1.0000, 0.6549
CMYK	0.00, 1.00, 0.26, 0.53
HSL	316°, 100%, 23%
HSV	316°, 100%, 47%
XYZ	9.3692, 4.6265, 9.6317
YIQ	45.6130, 42.6760, 52.5960

Conversions

Conversions Part 2

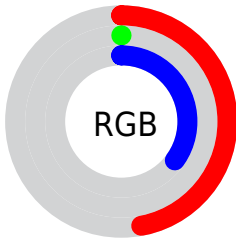
Format	Color
R_{YB}	119, 0, 88
Decimal	7798872
CIE _{Lab}	25.64, 51.48, -17.32
CIE _{LCh}	26, 54.310, 341.408
Yxy	4.6265, 0.3965, 0.1958
Android (android.graphics.Color)	4285988952 (0xFF770058)
YUV	45.6130, 20.8968, 64.3604
Hunter-Lab	21.5093, 40.1110, -11.4931

Details

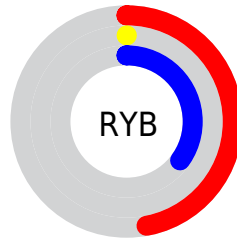
The Hex color **770058** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00771F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **AF448A**, and **42002A** is the 20% darker color. If you saturate the color by 10%, you get **770058**, and if you desaturate by 10%, it is **770C5B**.

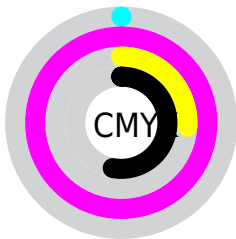
Distribution



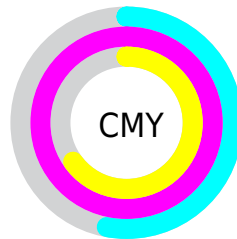
- Red (47%)
- Green (0%)
- Blue (35%)



- Red (47%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 770058 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 770058 by changing the saturation by 10% instead.

 770058

 770058

FFFFFF

 5C0041

 AF448A

 42002A

 CC5EA4

 290015

 E979C0

 000000

 FF95DC

 FFB1F8

 FFCDFD

 FFEAFF

 770058

 770C5B

 77185E

 772461

 773064

 773B67

 77476B

 77536E

 775F71

 776B74

Harmonies

Analogous

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



4F287B



770058



82002F

Triad

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



770058



3D4000



004D73

Complementary

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



770058



00771F

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.



004D4C



770058



024800

Square

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



770058



603100



004C20



00498C

Rectangle

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



770058



7E0815



004C20



004D67

Sweetspot

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



770058



9C6D8F



1E0077



4F3348



CFCFCF



4F4F4F

Same Dimension

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



770058



9C0073



77001E



3B3539



7A005B



FA00B9

Inverse Universe

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



770058



9C0073



007759



3B3539



7A005B



FA00B9

Previews

White Background



This preview shows how the Hex color 770058 looks on a white background.

Color Contrast Check

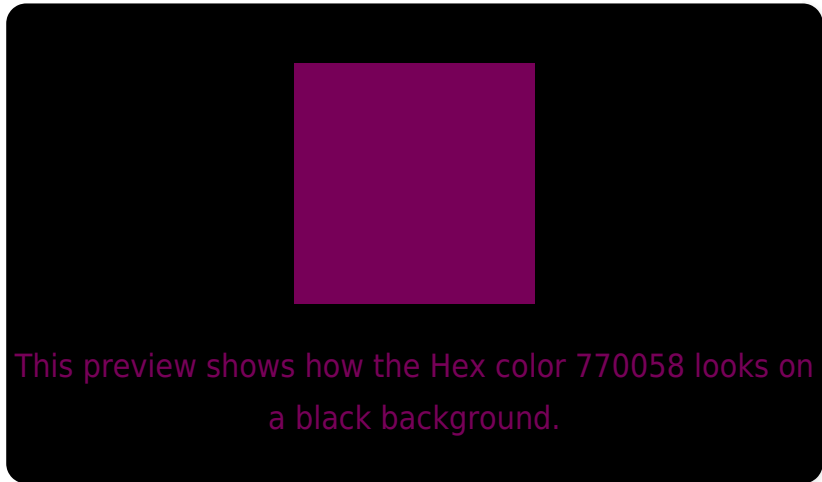
Large Text (above 18pt) WCAG AA ✓ Pass

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

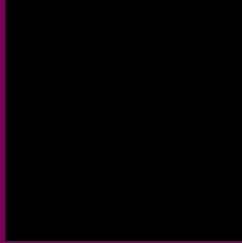
Any Text WCAG AA × Fail

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 770058 Background



This preview shows how black text looks on a background with the Hex color 770058.



This preview shows how white text looks on a background with the Hex color 770058.

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
770058

Protanomaly
3C2770

Deuteranomaly
522854

Tritanomaly
741637

Monochromacy



Original Color
770058

Achromatopsia
2E2E2E

Achromatomaly
491D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 770058 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 #770058 looks like.

```
.text, #text, p{  
    color:#770058  
}
```

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 #770058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #770058
}
```

Border

The CSS property to change the border of an element to Hex 770058 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".

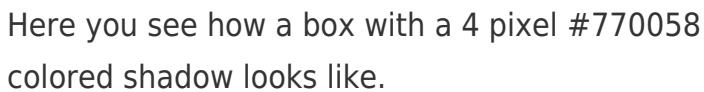
```
.border, #border, table{ border:4px solid
#770058 }
```

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

```
.border{ border-color:#770058 }
```

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

Here you see how a box with a 4 pixel #770058 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #770058; -webkit-box-shadow:4px 4px  
4px 4px #770058; box-shadow:4px 4px 4px  
4px #770058 }
```

Background

The CSS property to change the background color of an element to Hex 770058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#770058 }
```

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

```
.background{ background-color:#770058 }
```

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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