

Converting Colors

Hex(770D5F)

Have a look what the booklet for
Hex(770D5F) contains.

Hex(770D5F)	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(770D5F)

Conversions

Conversions Part 1

Format	Color
Hex	770D5F
RGB	119, 13, 95
RGB Percent	47%, 5%, 37%
CMY	0.5333, 0.9490, 0.6275
CMYK	0.00, 0.89, 0.20, 0.53
HSL	314°, 80%, 26%
HSV	314°, 89%, 47%
XYZ	9.8172, 5.0360, 11.2811
YIQ	54.0420, 36.8540, 47.9740

Conversions

Conversions Part 2

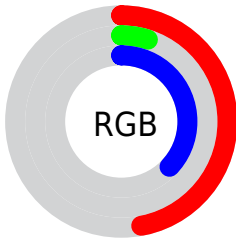
Format	Color
R_{YB}	119, 13, 95
Decimal	7802207
CIE Lab	26.84, 49.95, -20.08
CIE LCh	27, 53.837, 338.103
Yxy	5.0360, 0.3756, 0.1927
Android (android.graphics.Color)	4285992287 (0xFF770D5F)
YUV	54.0420, 20.1923, 56.9682
Hunter-Lab	22.4411, 38.8161, -14.0963

Details

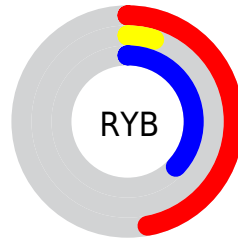
The Hex color **770D5F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D7725**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **AE4992**, and **420030** is the 20% darker color. If you saturate the color by 10%, you get **77015C**, and if you desaturate by 10%, it is **771962**.

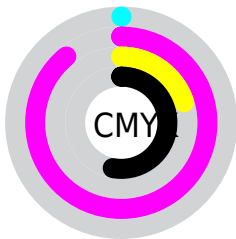
Distribution



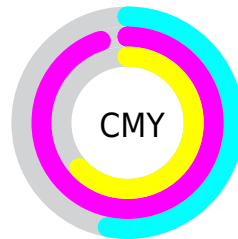
- Red (47%)
- Green (5%)
- Blue (37%)



- Red (47%)
- Yellow (5%)
- Blue (37%)



- Cyan (0%)
- Magenta (89%)
- Yellow (20%)
- Black (53%)



- Cyan (53%)
- Magenta (95%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 770D5F 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 770D5F by changing the saturation by 10% instead.

 770D5F

 770D5F

FFFFFF

 5C0047

 AE4992

 420030

 CB64AC

 2B001C

 E87FC8

 000000

 FF9AE4

 FFB6FF

 FFD2FF

 FFEFFF

 770D5F

 770D5F

■ 77015C

■ 771962

■ 77005C

■ 772564

■ 773167

■ 773D6A

■ 77486C

■ 77546F

■ 776072

■ 776C75

■ 777877

Harmonies

Analogous

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



4B2E81



770D5F



850036

Triad

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



770D5F



454100



005072

Complementary

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



770D5F



0D7725

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.



00504A



770D5F



144A00

Square

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



770D5F



663100



004F1E



004C8D

Rectangle

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



770D5F



820A1C



004F1E



005065

Sweetspot

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



770D5F



9C7292



240D77



4F3649



CFCFCF



4F4F4F

Same Dimension

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



770D5F



9C0078



770D2B



3B3539



7A005F



FA00C1

Inverse Universe

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



770D5F



9C0078



0D7759



3B3539



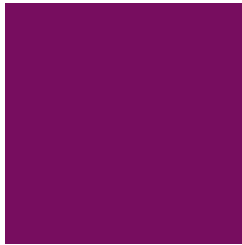
7A005F



FA00C1

Previews

White Background



This preview shows how the Hex color 770D5F looks on a white background.

Color Contrast Check

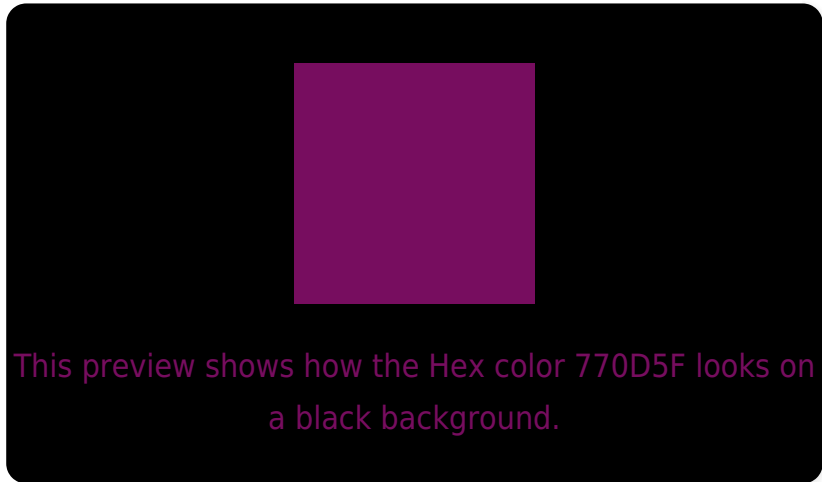
Large Text (above 18pt) WCAG AA ✓ Pass

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

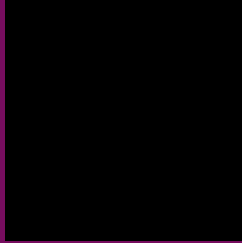
Any Text WCAG AA × Fail

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 770D5F Background



This preview shows how black text looks on a background with the Hex color 770D5F.



This preview shows how white text looks on a background with the Hex color 770D5F.

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
732729

Trichromacy



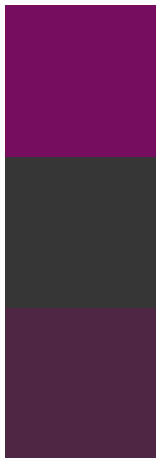
Original Color
770D5F

Protanomaly
362D77

Deuteranomaly
512E5B

Tritanomaly
741E3D

Monochromacy



Original Color
770D5F

Achromatopsia
363636

Achromatomaly
4E2745

CSS Examples

Text

The CSS property to change the color of the text to Hex 770D5F 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 #770D5F looks like.

```
.text, #text, p{  
    color:#770D5F  
}
```

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 #770D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #770D5F
}
```

Border

The CSS property to change the border of an element to Hex 770D5F 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".

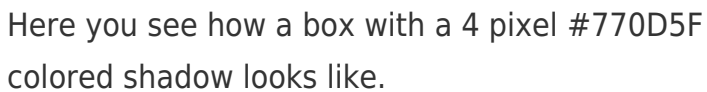
```
.border, #border, table{ border:4px solid
#770D5F }
```

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

```
.border{ border-color:#770D5F }
```

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

Here you see how a box with a 4 pixel #770D5F 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 #770D5F; -webkit-box-shadow:4px 4px  
4px 4px #770D5F; box-shadow:4px 4px 4px  
4px #770D5F }
```

Background

The CSS property to change the background color of an element to Hex 770D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#770D5F }
```

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

```
.background{ background-color:#770D5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor