

Converting Colors

Hex(780A4F)

Have a look what the booklet for
Hex(780A4F) contains.

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Color

Hex(780A4F)

Conversions

Conversions Part 1

Format	Color
Hex	780A4F
RGB	120, 10, 79
RGB Percent	47%, 4%, 31%
CMY	0.5294, 0.9608, 0.6902
CMYK	0.00, 0.92, 0.34, 0.53
HSL	322°, 85%, 25%
HSV	322°, 92%, 47%
XYZ	9.2656, 4.7747, 7.8304
YIQ	50.7560, 43.4110, 44.7790

Conversions

Conversions Part 2

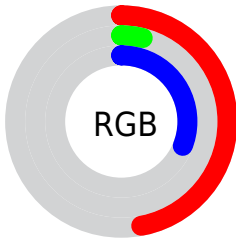
Format	Color
R _Y B	120, 10, 79
Decimal	7866959
CIE Lab	26.08, 48.72, -10.61
CIE LCh	26, 49.867, 347.711
Yxy	4.7747, 0.4237, 0.2183
Android (android.graphics.Color)	4286057039 (0xFF780A4F)
YUV	50.7560, 13.9243, 60.7270
Hunter-Lab	21.8510, 37.4507, -5.9511

Details

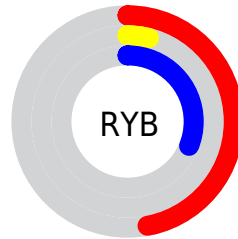
The Hex color **780A4F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **0A7833**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B04780**, and **420023** is the 20% darker color. If you saturate the color by 10%, you get **78004B**, and if you desaturate by 10%, it is **781653**.

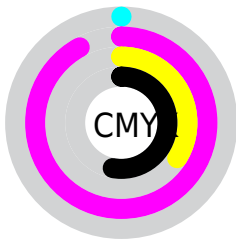
Distribution



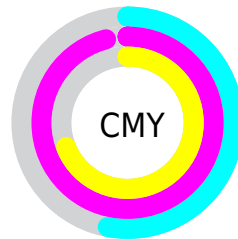
- Red (47%)
- Green (4%)
- Blue (31%)



- Red (47%)
- Yellow (4%)
- Blue (31%)



- Cyan (0%)
- Magenta (92%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780A4F 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 780A4F by changing the saturation by 10% instead.

 780A4F

 780A4F

FFFFFF

 5D0038

 B04780

 420023

 CD629A

 2B000B

 EA7DB5

 000000

 FF98D1

 FFB4ED

 FFD0FF

 FFEDFF

 780A4F

 780A4F

■ 78004B

■ 781653

■ 782258

■ 782E5C

■ 783A61

■ 784665

■ 78526A

■ 785E6E

■ 786A73

■ 787677

Harmonies

Analogous

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



5A2671



780A4F



7E0829

Triad

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



780A4F



384300



004C76

Complementary

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



780A4F



0A7833

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.



004E54



780A4F



004A00

Square

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



780A4F



593600



004D2C



004789

Rectangle

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



780A4F



781A11



004D2C



004D6C

Sweetspot

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



780A4F



9C708B



320A78



4F3445



CFCFCF



4F4F4F

Same Dimension

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



780A4F



9C0062



780A19



3D373B



7D004E



FC009E

Inverse Universe

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



780A4F



9C0062



0A7869



3D373B



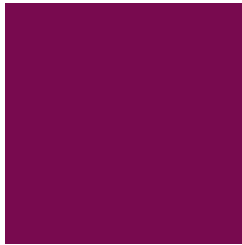
7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 780A4F looks on a white background.

Color Contrast Check

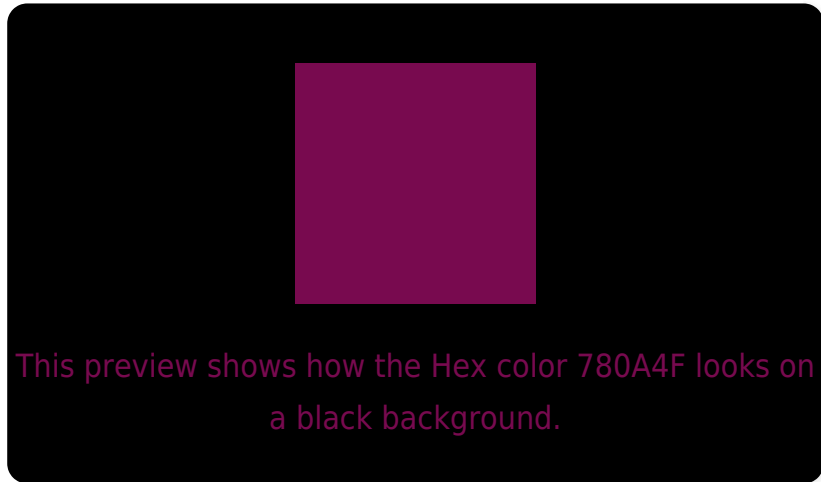
Large Text (above 18pt) WCAG AA ✓ Pass

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 780A4F Background



This preview shows how black text looks on a background with the Hex color 780A4F.

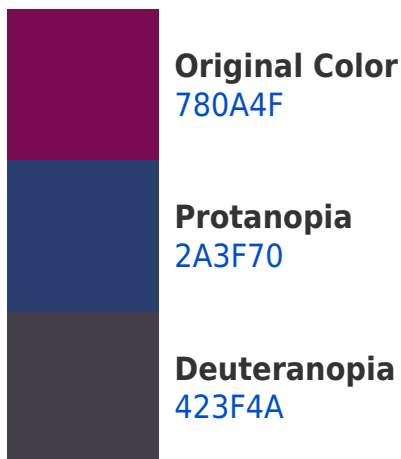


This preview shows how white text looks on a background with the Hex color 780A4F.

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
780A4F

Protanomaly
462C64

Deuteranomaly
562C4C

Tritanomaly
761832

Monochromacy



Original Color
780A4F

Achromatopsia
333333

Achromatomaly
4C243D

CSS Examples

Text

The CSS property to change the color of the text to Hex 780A4F 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 #780A4F looks like.

```
.text, #text, p{  
    color:#780A4F  
}
```

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 #780A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780A4F
}
```

Border

The CSS property to change the border of an element to Hex 780A4F 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".

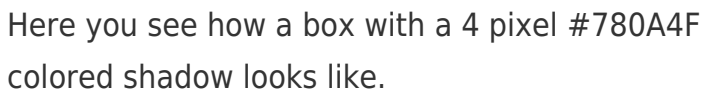
```
.border, #border, table{ border:4px solid
#780A4F }
```

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

```
.border{ border-color:#780A4F }
```

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

Here you see how a box with a 4 pixel #780A4F 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 #780A4F; -webkit-box-shadow:4px 4px  
4px 4px #780A4F; box-shadow:4px 4px 4px  
4px #780A4F }
```

Background

The CSS property to change the background color of an element to Hex 780A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780A4F }
```

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

```
.background{ background-color:#780A4F }
```

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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