

Converting Colors

Hex(78587F)

Have a look what the booklet for
Hex(78587F) contains.

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Color

Hex(78587F)

Conversions

Conversions Part 1

Format	Color
Hex	78587F
RGB	120, 88, 127
RGB Percent	47%, 35%, 50%
CMY	0.5294, 0.6549, 0.5020
CMYK	0.06, 0.31, 0.00, 0.50
HSL	289°, 18%, 42%
HSV	289°, 31%, 50%
XYZ	15.0662, 12.5048, 21.6983
YIQ	102.0140, 6.5530, 18.9130

Conversions

Conversions Part 2

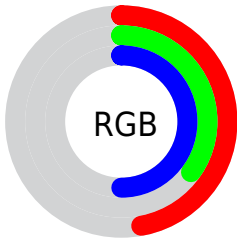
Format	Color
R_{YB}	120, 88, 127
Decimal	7886975
CIE _{Lab}	42.01, 20.57, -16.81
CIE _{LCh}	42, 26.561, 320.743
Yxy	12.5048, 0.3058, 0.2538
Android (android.graphics.Color)	4286077055 (0xFF78587F)
YUV	102.0140, 12.3181, 15.7737
Hunter-Lab	35.3622, 14.1670, -11.6269

Details

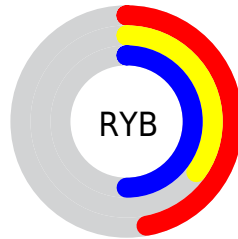
The Hex color **78587F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F7F58**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AD8AB4**, and **472A4E** is the 20% darker color. If you saturate the color by 10%, you get **764B7F**, and if you desaturate by 10%, it is **7A657F**.

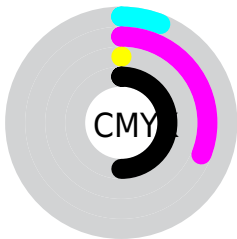
Distribution



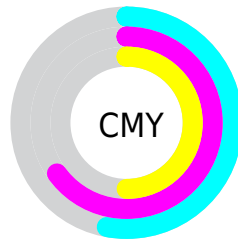
- Red (47%)
- Green (35%)
- Blue (50%)



- Red (47%)
- Yellow (35%)
- Blue (50%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78587F 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 78587F by changing the saturation by 10% instead.

■ 78587F

■ 78587F

FFFFFF

■ 5F4066

■ AD8AB4

■ 472A4E

■ C8A5CF

■ 301437

■ E5C0EC

■ 1D0022

■ FFDCFF

■ 000007

■ FFF9FF

■ 000000

■ 78587F


■ 78587F

■ 764B7F

■ 7A657F

■ 733F7F

■ 7D717F

 71327F

 7F7E7F

 6F257F

 818B7F

 6D187F

 83987F

 6A0C7F

 86A47F

 68007F

 88B17F

 8ABE7F

 8DCA7F

Harmonies

Analogous

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



5C608C



78587F



89536B

Triad

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



78587F



775F38



016F72

Complementary

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



78587F



5F7F58

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.



2B6E5B



78587F



626739

Square

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



78587F



875842



496C47



056C84

Rectangle

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



78587F



8D525C



496C47



126F6B

Sweetspot

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



78587F



A397A6



585F7F



524B54



D4D4D4



545454

Same Dimension

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



78587F



9B68A6



7F5873



3F3940



690080



000000

Inverse Universe

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



7F585F



A66873



587F64



40393B



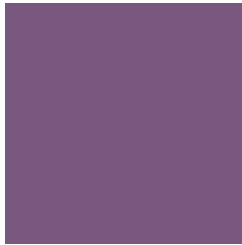
800017



000000

Previews

White Background



This preview shows how the Hex color 78587F looks on a white background.

Color Contrast Check

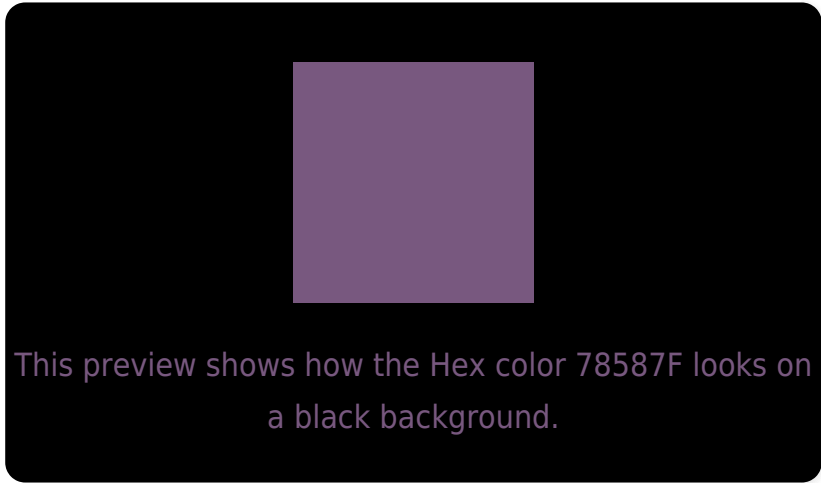
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

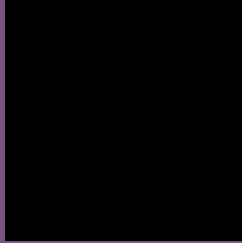
Any Text WCAG AA × Fail

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 78587F Background



This preview shows how black text looks on a background with the Hex color 78587F.



This preview shows how white text looks on a background with the Hex color 78587F.

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
78587F

Protanopia
596286

Deuteranopia
60617D



Tritanopia
745D64

Trichromacy



Original Color
78587F

Protanomaly
645E83

Deuteranomaly
695E7E

Tritanomaly
755B6E

Monochromacy



Original Color
78587F

Achromatopsia
666666

Achromatomaly
6D616F

CSS Examples

Text

The CSS property to change the color of the text to Hex 78587F 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 #78587F looks like.

```
.text, #text, p{  
    color:#78587F  
}
```

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 #78587F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78587F
}
```

Border

The CSS property to change the border of an element to Hex 78587F is called "border". The border property can be set on classes, ids or directly on the HTML element.

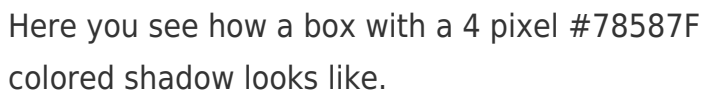
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78587F }
```

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

```
.border{ border-color:#78587F }
```

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



Here you see how a box with a 4 pixel #78587F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78587F; -webkit-box-shadow:4px 4px  
4px 4px #78587F; box-shadow:4px 4px 4px  
4px #78587F }
```

Background

The CSS property to change the background color of an element to Hex 78587F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78587F }
```

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

```
.background{ background-color:#78587F }
```

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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