

Converting Colors

Hex(78757E)

Have a look what the booklet for
Hex(78757E) contains.

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Color

Hex(78757E)

Conversions

Conversions Part 1

Format	Color
Hex	78757E
RGB	120, 117, 126
RGB Percent	47%, 46%, 49%
CMY	0.5294, 0.5412, 0.5059
CMYK	0.05, 0.07, 0.00, 0.51
HSL	260°, 4%, 48%
HSV	260°, 7%, 49%
XYZ	17.8729, 18.2220, 22.3139
YIQ	118.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

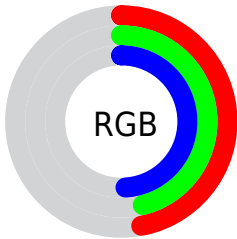
Format	Color
R_{YB}	120, 117, 126
Decimal	7894398
CIE _{Lab}	49.76, 2.99, -4.53
CIE _{LCh}	50, 5.425, 303.418
Yxy	18.2220, 0.3060, 0.3120
Android (android.graphics.Color)	4286084478 (0xFF78757E)
YUV	118.9230, 3.4890, 0.9445
Hunter-Lab	42.6872, 0.0343, -1.1115

Details

The Hex color **78757E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7E75**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ACA9B3**, and **48454D** is the 20% darker color. If you saturate the color by 10%, you get **70687E**, and if you desaturate by 10%, it is **80827E**.

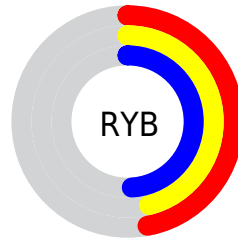
Distribution



Red (47%)

Green (46%)

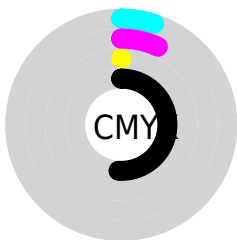
Blue (49%)



Red (47%)

Yellow (46%)

Blue (49%)

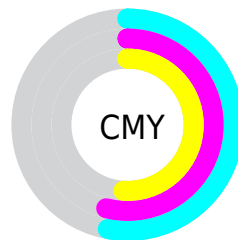


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78757E 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 78757E by changing the saturation by 10% instead.

■ 78757E

■ 78757E

FFFFFF

■ 5F5C65

■ ACA9B3

■ 48454D

■ C8C4CE

■ 312F36

■ E4E0EA

■ 1C1A21

■ FFFDFE

■ 00000A

■ 000000

■ 78757E

■ 78757E

■ 70687E

■ 80827E

■ 675C7E

■ 898E7E

5F4F7E

919B7E

56437E

9AA77E

4E367E

A2B47E

46297E

AAC17E

3D1D7E

B3CD7E

35107E

BBDA7E

2C047E

C4E67E

Harmonies

Analogous

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



72777F



78757E



7D747B

Triad

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



78757E



7E756E



6C7977

Complementary

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



78757E



7B7E75

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.



6F7972



78757E



7A766D

Square

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



78757E



807471



74786F



6B797B

Rectangle

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



78757E



7F7378



74786F



6D7975

Sweetspot

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



78757E



A1A0A3



757B7E



515052



D1D1D1



525252

Same Dimension

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



78757E



9995A3



7D757E



3C3940



2A0080



000000

Inverse Universe

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



7E757B



A3959E



767E75



40393E



800055



000000

Previews

White Background



This preview shows how the Hex color 78757E looks on a white background.

Color Contrast Check

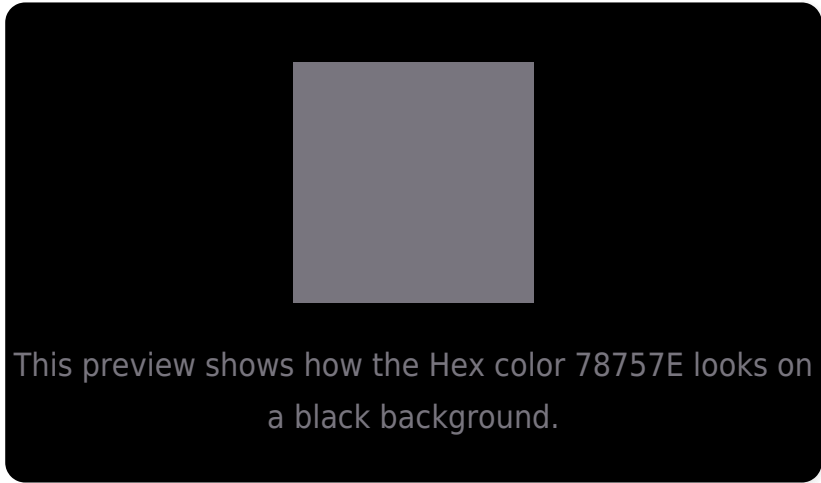
Large Text (above 18pt) WCAG AA ✓ Pass

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

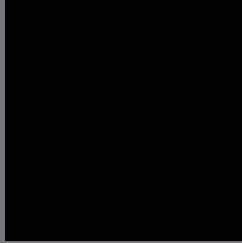
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

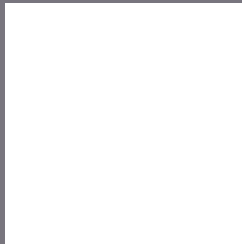
Any Text WCAG AAA × Fail

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

Hex 78757E Background



This preview shows how black text looks on a background with the Hex color 78757E.



This preview shows how white text looks on a background with the Hex color 78757E.

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

78757E

Protanopia

76767E

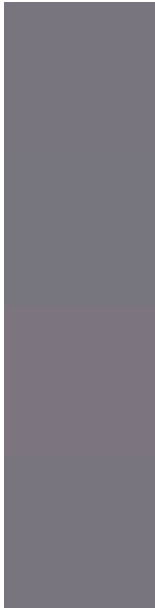
Deuteranopia

7E737E



Tritanopia
78757E

Trichromacy



Original Color
78757E

Protanomaly
77767E

Deuteranomaly
7C747E

Tritanomaly
78757E

Monochromacy



Original Color
78757E

Achromatopsia
777777

Achromatomaly
77767A

CSS Examples

Text

The CSS property to change the color of the text to Hex 78757E 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 #78757E looks like.

```
.text, #text, p{  
    color:#78757E  
}
```

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 #78757E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78757E
}
```

Border

The CSS property to change the border of an element to Hex 78757E is called "border". The border property can be set on classes, ids or directly on the HTML element.

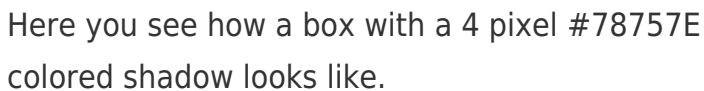
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78757E }
```

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

```
.border{ border-color:#78757E }
```

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



Here you see how a box with a 4 pixel `#78757E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78757E; -webkit-box-shadow:4px 4px  
4px 4px #78757E; box-shadow:4px 4px 4px  
4px #78757E }
```

Background

The CSS property to change the background color of an element to Hex 78757E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78757E }
```

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

```
.background{ background-color:#78757E }
```

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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