

Converting Colors

Hex(75877F)

Have a look what the booklet for
Hex(75877F) contains.

Hex(75877F)	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(75877F)

Conversions

Conversions Part 1

Format	Color
Hex	75877F
RGB	117, 135, 127
RGB Percent	46%, 53%, 50%
CMY	0.5412, 0.4706, 0.5020
CMYK	0.13, 0.00, 0.06, 0.47
HSL	153°, 7%, 49%
HSV	153°, 13%, 53%
XYZ	19.8309, 22.6422, 23.4038
YIQ	128.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

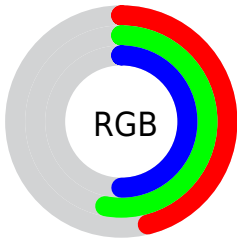
Format	Color
R_{YB}	117, 129, 135
Decimal	7702399
CIE Lab	54.70, -8.19, 2.10
CIE LCh	55, 8.458, 165.657
Yxy	22.6422, 0.3010, 0.3437
Android (android.graphics.Color)	4285892479 (0xFF75877F)
YUV	128.7060, -0.8411, -10.2662
Hunter-Lab	47.5838, -8.8805, 4.1471

Details

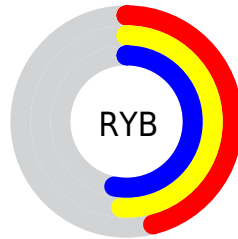
The Hex color **75877F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87757D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A9BCB4**, and **45554E** is the 20% darker color. If you saturate the color by 10%, you get **688779**, and if you desaturate by 10%, it is **838785**.

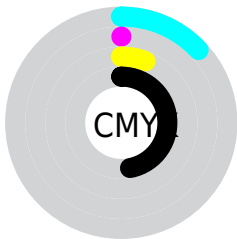
Distribution



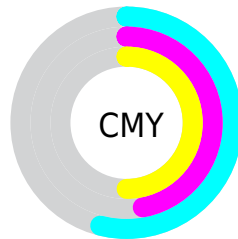
- Red (46%)
- Green (53%)
- Blue (50%)



- Red (46%)
- Yellow (51%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (47%)



- Cyan (54%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75877F 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 75877F by changing the saturation by 10% instead.

■ 75877F

■ 75877F

FFFFFF

■ 5C6E66

■ A9BCB4

■ 45554E

■ C4D8CF

■ 2E3E37

■ E0F4EB

■ 192822

FDFFFF

■ 00140C

■ 000000

■ 75877F

■ 75877F

■ 688779

■ 838785

■ 5A8773

■ 90878B

■ 4D876D

■ 9D8791

■ 3F8767

■ AB8797

■ 318761

■ B9879D

■ 24875B

■ C687A3

■ 168755

■ D387A9

■ 09874F

■ E187AF

■ 00874B

■ EF87B5

Harmonies

Analogous

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



7C8679



75877F



718787

Triad

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



75877F



808291



917F79

Complementary

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



75877F



87757D

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.



937E7F



75877F



89808D

Square

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



75877F



778591



907E87



8C8175

Rectangle

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



75877F



71878B



907E87



927F7B

Sweetspot

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



75877F



A9B0AD



7D8775



555957



D9D9D9



595959

Same Dimension

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



75877F



94B0A3



758687



3C423F



008248



000301

Inverse Universe

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



87757D



B094A0



877675



423C3F



82003A



030001

Previews

White Background



This preview shows how the Hex color 75877F looks on a white background.

Color Contrast Check

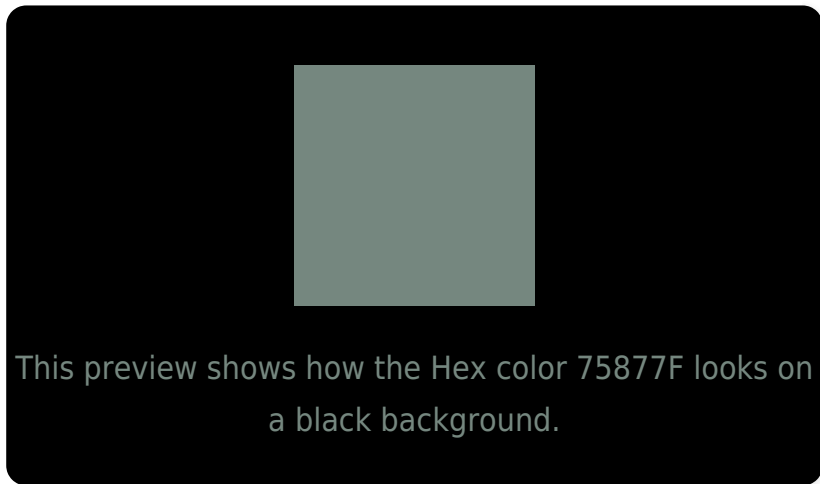
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

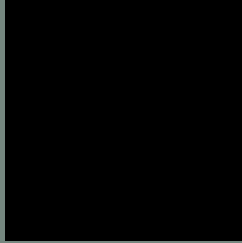
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

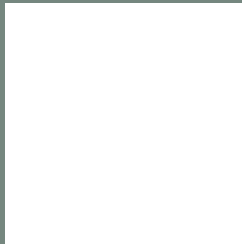
Any Text WCAG AAA × Fail

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

Hex 75877F Background



This preview shows how black text looks on a background with the Hex color 75877F.



This preview shows how white text looks on a background with the Hex color 75877F.

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](#).

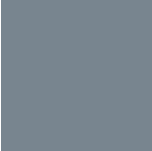
Dichromacy



Original Color
75877F

Protanopia
86827C

Deuteranopia
907E81



Tritanopia
78858F

Trichromacy



Original Color
75877F

Protanomaly
80847D

Deuteranomaly
868180

Tritanomaly
778689

Monochromacy



Original Color
75877F

Achromatopsia
818181

Achromatomaly
7D8380

CSS Examples

Text

The CSS property to change the color of the text to Hex 75877F 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 #75877F looks like.

```
.text, #text, p{  
    color:#75877F  
}
```

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 #75877F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75877F
}
```

Border

The CSS property to change the border of an element to Hex 75877F 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
#75877F }
```

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

```
.border{ border-color:#75877F }
```

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

Here you see how a box with a 4 pixel #75877F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75877F; -webkit-box-shadow:4px 4px  
4px 4px #75877F; box-shadow:4px 4px 4px  
4px #75877F }
```

Background

The CSS property to change the background color of an element to Hex 75877F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75877F }
```

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

```
.background{ background-color:#75877F }
```

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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