

Converting Colors

Hex(77798E)

Have a look what the booklet for
Hex(77798E) contains.

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Color

Hex(77798E)

Conversions

Conversions Part 1

Format	Color
Hex	77798E
RGB	119, 121, 142
RGB Percent	47%, 47%, 56%
CMY	0.5333, 0.5255, 0.4431
CMYK	0.16, 0.15, 0.00, 0.44
HSL	235°, 9%, 51%
HSV	235°, 16%, 56%
XYZ	19.3276, 19.5497, 28.3460
YIQ	122.7960, -7.9330, 6.1070

Conversions

Conversions Part 2

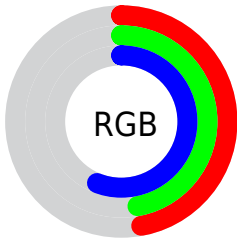
Format	Color
R _Y B	119, 121, 142
Decimal	7829902
CIE Lab	51.32, 3.83, -11.63
CIE LCh	51, 12.244, 288.247
Yxy	19.5497, 0.2875, 0.2908
Android (android.graphics.Color)	4286019982 (0xFF77798E)
YUV	122.7960, 9.4676, -3.3291
Hunter-Lab	44.2150, 0.6510, -7.0599

Details

The Hex color **77798E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E8C77**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ABADC4**, and **46495C** is the 20% darker color. If you saturate the color by 10%, you get **696C8E**, and if you desaturate by 10%, it is **85868E**.

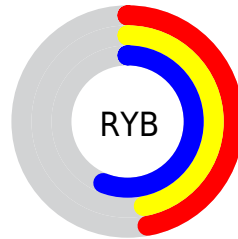
Distribution



Red (47%)

Green (47%)

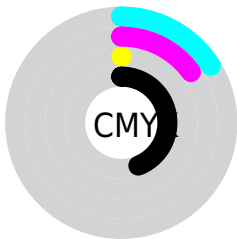
Blue (56%)



Red (47%)

Yellow (47%)

Blue (56%)

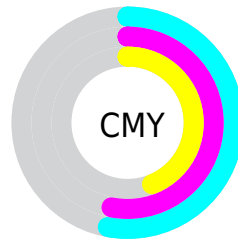


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77798E 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 77798E by changing the saturation by 10% instead.

■ 77798E

■ 77798E

FFFFFF

■ 5E6074

■ ABADC4

■ 46495C

■ C7C9E0

■ 303244

■ E3E5FC

■ 1A1D2E

■ 01031A

■ 000000

■ 77798E

■ 77798E

■ 696C8E

■ 85868E

■ 5B5F8E

■ 93938E

■ 4C528E

■ A2A08E

■ 3E458E

■ B0AD8E

■ 30388E

■ BEBA8E

■ 222B8E

■ CCC78E

■ 141E8E

■ DAD48E

■ 05118E

■ E9E18E

■ 000C8E

■ F7EE8E

Harmonies

Analogous

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



6A7C8E



77798E



847688

Triad

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



77798E



8E756B



658076

Complementary

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



77798E



8E8C77

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.



707E6C



77798E



877866

Square

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



77798E



907374



7C7C66



5F8080

Rectangle

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



77798E



8A7482



7C7C66



688072

Sweetspot

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



77798E



AEAFB8



778E8C



56575C



DBDBDB



5C5C5C

Same Dimension

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



77798E



9598B8



80778E



404147



000C87



000108

Inverse Universe

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



8E7779



B89598



858E77



474041



87000C



080001

Previews

White Background



This preview shows how the Hex color 77798E looks on a white background.

Color Contrast Check

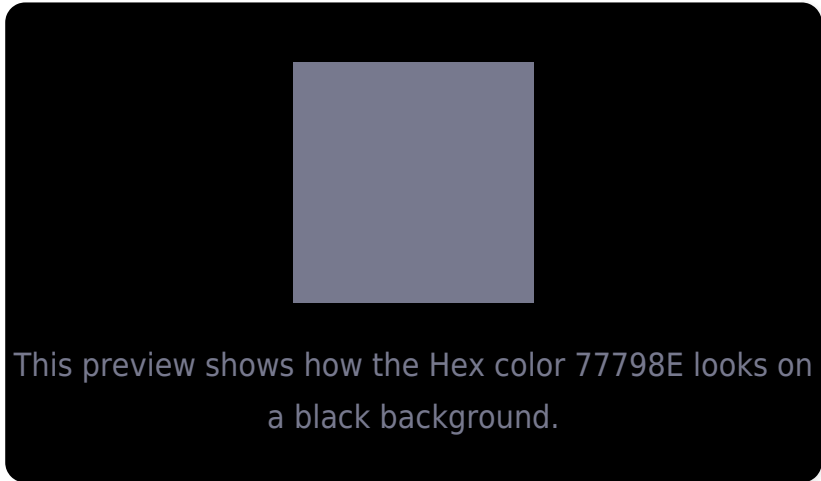
Large Text (above 18pt) WCAG AA ✓ Pass

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

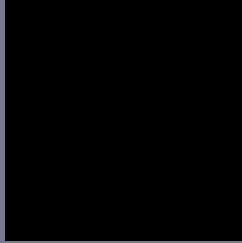
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

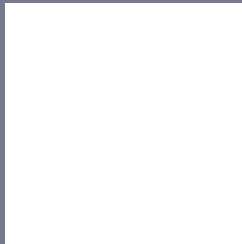
Any Text WCAG AAA × Fail

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

Hex 77798E Background



This preview shows how black text looks on a background with the Hex color 77798E.



This preview shows how white text looks on a background with the Hex color 77798E.

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

77798E

Protanopia

76798E

Deuteranopia

7C778E



Tritanopia
757B84

Trichromacy



Original Color
77798E

Protanomaly
76798E

Deuteranomaly
7A788E

Tritanomaly
767A88

Monochromacy



Original Color
77798E

Achromatopsia
7B7B7B

Achromatomaly
7A7A82

CSS Examples

Text

The CSS property to change the color of the text to Hex 77798E 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 #77798E looks like.

```
.text, #text, p{  
    color:#77798E  
}
```

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 #77798E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77798E
}
```

Border

The CSS property to change the border of an element to Hex 77798E 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
#77798E }
```

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

```
.border{ border-color:#77798E }
```

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

Here you see how a box with a 4 pixel #77798E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77798E; -webkit-box-shadow:4px 4px  
4px 4px #77798E; box-shadow:4px 4px 4px  
4px #77798E }
```

Background

The CSS property to change the background color of an element to Hex 77798E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77798E }
```

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

```
.background{ background-color:#77798E }
```

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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