

Converting Colors

Hex(77798C)

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

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Color

Hex(77798C)

Conversions

Conversions Part 1

Format	Color
Hex	77798C
RGB	119, 121, 140
RGB Percent	47%, 47%, 55%
CMY	0.5333, 0.5255, 0.4510
CMYK	0.15, 0.14, 0.00, 0.45
HSL	234°, 8%, 51%
HSV	234°, 15%, 55%
XYZ	19.1787, 19.4901, 27.5621
YIQ	122.5680, -7.2910, 5.4850

Conversions

Conversions Part 2

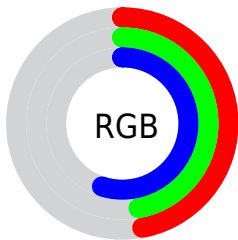
Format	Color
R_{YB}	119, 121, 140
Decimal	7829900
CIE _{Lab}	51.26, 3.37, -10.56
CIE _{LCh}	51, 11.084, 287.711
Yxy	19.4901, 0.2896, 0.2943
Android (android.graphics.Color)	4286019980 (0xFF77798C)
YUV	122.5680, 8.5940, -3.1291
Hunter-Lab	44.1476, 0.2862, -6.1124

Details

The Hex color **77798C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8C8A77**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ABADC2**, and **46495A** is the 20% darker color. If you saturate the color by 10%, you get **696C8C**, and if you desaturate by 10%, it is **85868C**.

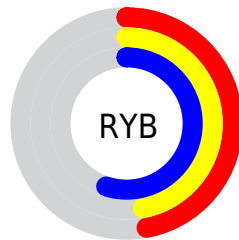
Distribution



Red (47%)

Green (47%)

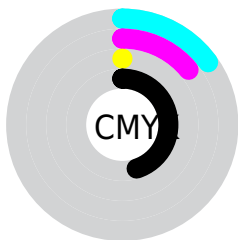
Blue (55%)



Red (47%)

Yellow (47%)

Blue (55%)

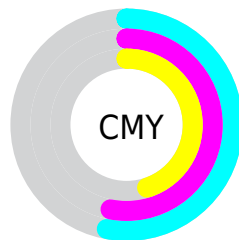


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

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

■ 77798C

■ 77798C

FFFFFF

■ 5E6072

■ ABADC2

■ 46495A

■ C7C9DD

■ 303242

■ E3E5FA

■ 1A1D2C

■ 010318

■ 000000

■ 77798C

■ 77798C

■ 696C8C

■ 85868C

■ 5B608C

■ 93928C

■ 4D538C

■ A19F8C

■ 3F468C

■ AFAC8C

■ 313A8C

■ BDB88C

■ 232D8C

■ CBC58C

■ 15208C

■ D9D28C

■ 07148C

■ E7DE8C

■ 000D8C

■ F5EB8C

Harmonies

Analogous

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



6B7C8C



77798C



837687

Triad

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



77798C



8C756C



677F76

Complementary

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



77798C



8C8A77

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.



717E6D



77798C



867868

Square

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



77798C



8E7475



7C7B68



62807F

Rectangle

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



77798C



897481



7C7B68



6A7F73

Sweetspot

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



77798C



ACADB5



778C8A



56575C



DBDBDB



5C5C5C

Same Dimension

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



77798C



9498B5



7F778C



3E3F45



000D85



000005

Inverse Universe

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



8C7779



B59498



848C77



453E3F



85000D



050000

Previews

White Background



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

Color Contrast Check

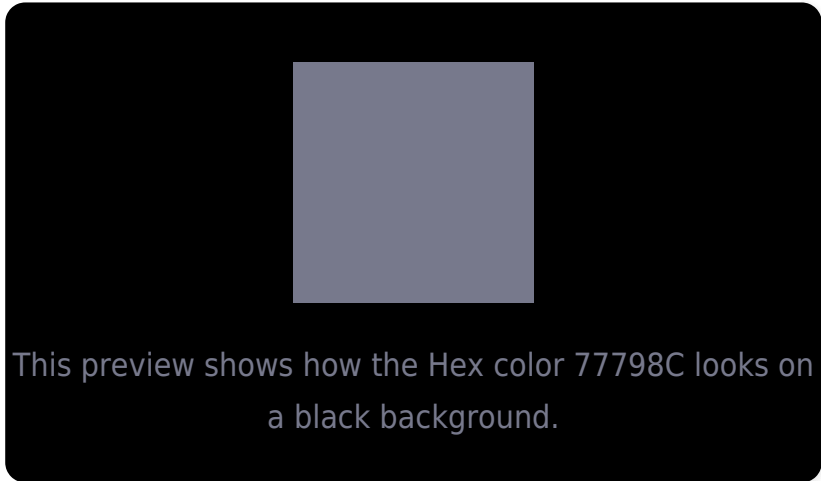
Large Text (above 18pt) WCAG AA ✓ Pass

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

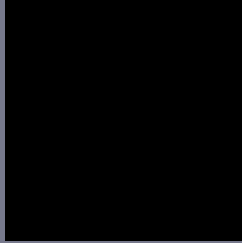
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

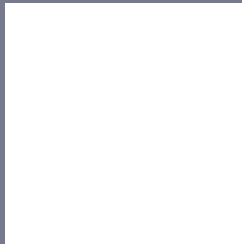
Any Text WCAG AAA × Fail

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

Hex 77798C Background



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



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

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
77798C

Protanopia
77798C

Deuteranopia
7D778C



Tritanopia
767A84

Trichromacy



Original Color
77798C

Protanomaly
77798C

Deuteranomaly
7B788C

Tritanomaly
767A87

Monochromacy



Original Color
77798C

Achromatopsia
7B7B7B

Achromatomaly
7A7A81

CSS Examples

Text

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

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

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 #77798C colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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