

Converting Colors

Hex(77808C)

Have a look what the booklet for
Hex(77808C) contains.

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Color

Hex(77808C)

Conversions

Conversions Part 1

Format	Color
Hex	77808C
RGB	119, 128, 140
RGB Percent	47%, 50%, 55%
CMY	0.5333, 0.4980, 0.4510
CMYK	0.15, 0.09, 0.00, 0.45
HSL	214°, 8%, 51%
HSV	214°, 15%, 55%
XYZ	20.0605, 21.2537, 27.8560
YIQ	126.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

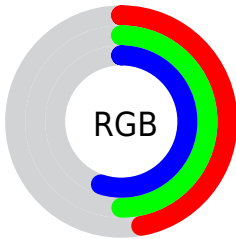
Format	Color
R_{YB}	119, 125, 140
Decimal	7831692
CIE Lab	53.23, -0.69, -7.61
CIE LCh	53, 7.641, 264.794
Yxy	21.2537, 0.2900, 0.3073
Android (android.graphics.Color)	4286021772 (0xFF77808C)
YUV	126.6770, 6.5682, -6.7327
Hunter-Lab	46.1018, -3.0063, -3.5535

Details

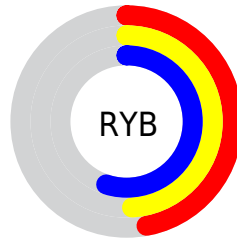
The Hex color **77808C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C8377**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ABB5C2**, and **464F5A** is the 20% darker color. If you saturate the color by 10%, you get **69788C**, and if you desaturate by 10%, it is **85888C**.

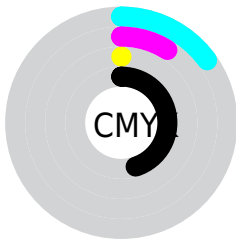
Distribution



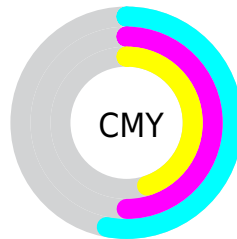
- Red (47%)
- Green (50%)
- Blue (55%)



- Red (47%)
- Yellow (49%)
- Blue (55%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77808C 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 77808C by changing the saturation by 10% instead.

■ 77808C

■ 77808C

FFFFFF

■ 5E6773

■ ABB5C2

■ 464F5A

■ C7D0DD

■ 303843

■ E3EDFA

■ 1A232C

■ 010D18

■ 000000

■ 77808C

■ 77808C

■ 69788C

■ 85888C

■ 5B708C

■ 93908C

■ 4D688C

■ A1988C

■ 3F608C

■ AFA08C

■ 31588C

■ BDA88C

■ 23508C

■ CBB08C

■ 15488C

■ D9B88C

■ 07408C

■ E7C08C

■ 003C8C

■ F5C88C

Harmonies

Analogous

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



71828A



77808C



7F7E8B

Triad

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



77808C



8D7B7A



778277

Complementary

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



77808C



8C8377

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.



7F8073



77808C



8B7C75

Square

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



77808C



8C7B80



867E72



71837E

Rectangle

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



77808C



847C88



867E72



798276

Sweetspot

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



77808C



ACB0B5



778C83



56595C



DBDBDB



5C5C5C

Same Dimension

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



77808C



94A2B5



78778C



3E4145



003985



000205

Inverse Universe

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



8C7780



B594A2



8B8C77



453E41



850039



050002

Previews

White Background



This preview shows how the Hex color 77808C looks on a white background.

Color Contrast Check

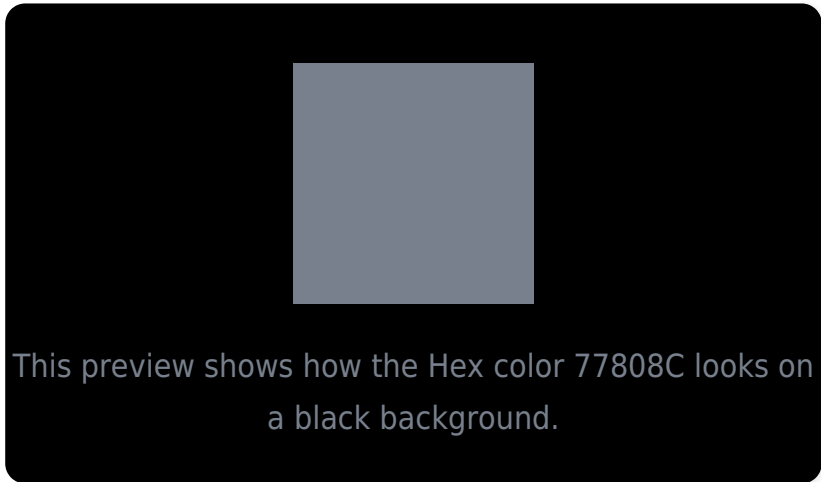
Large Text (above 18pt) WCAG AA ✓ Pass

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

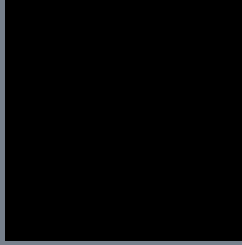
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

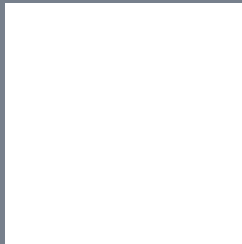
Any Text WCAG AAA × Fail

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

Hex 77808C Background



This preview shows how black text looks on a background with the Hex color 77808C.

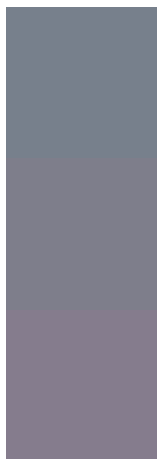


This preview shows how white text looks on a background with the Hex color 77808C.

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

77808C

Protanopia

7E7E8B

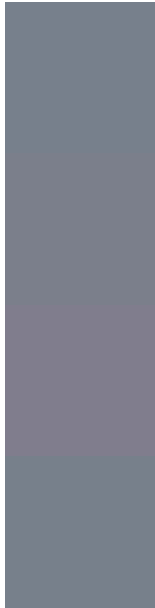
Deuteranopia

857C8D



Tritanopia
77808A

Trichromacy



Original Color
77808C

Protanomaly
7B7F8B

Deuteranomaly
807D8D

Tritanomaly
77808B

Monochromacy



Original Color
77808C

Achromatopsia
7F7F7F

Achromatomaly
7C7F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 77808C 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 #77808C looks like.

```
.text, #text, p{  
    color:#77808C  
}
```

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 #77808C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77808C
}
```

Border

The CSS property to change the border of an element to Hex 77808C is called "border". The border property can be set on classes, ids or directly on the HTML element.

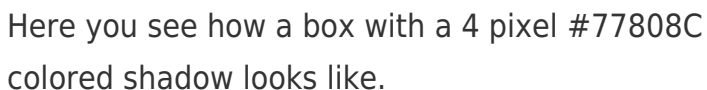
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77808C }
```

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

```
.border{ border-color:#77808C }
```

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



Here you see how a box with a 4 pixel #77808C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77808C; -webkit-box-shadow:4px 4px  
4px 4px #77808C; box-shadow:4px 4px 4px  
4px #77808C }
```

Background

The CSS property to change the background color of an element to Hex 77808C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77808C }
```

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

```
.background{ background-color:#77808C }
```

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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