

Converting Colors

Hex(77838E)

Have a look what the booklet for
Hex(77838E) contains.

Hex(77838E)	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(77838E)

Conversions

Conversions Part 1

Format	Color
Hex	77838E
RGB	119, 131, 142
RGB Percent	47%, 51%, 56%
CMY	0.5333, 0.4863, 0.4431
CMYK	0.16, 0.08, 0.00, 0.44
HSL	209°, 9%, 51%
HSV	209°, 16%, 56%
XYZ	20.6065, 22.1075, 28.7723
YIQ	128.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

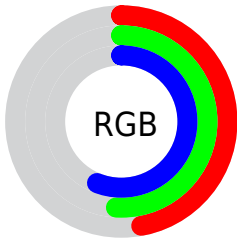
Format	Color
R_{YB}	119, 127, 142
Decimal	7832462
CIE _{Lab}	54.14, -1.96, -7.41
CIE _{LCh}	54, 7.664, 255.183
Yxy	22.1075, 0.2883, 0.3093
Android (android.graphics.Color)	4286022542 (0xFF77838E)
YUV	128.6660, 6.5737, -8.4771
Hunter-Lab	47.0186, -4.0527, -3.3685

Details

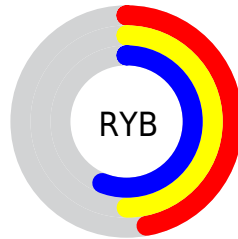
The Hex color **77838E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8277**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ABB8C4**, and **46525C** is the 20% darker color. If you saturate the color by 10%, you get **697C8E**, and if you desaturate by 10%, it is **858A8E**.

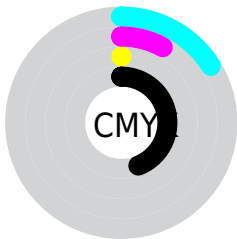
Distribution



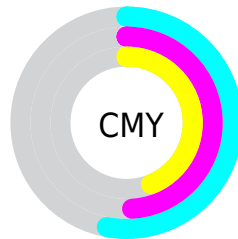
- Red (47%)
- Green (51%)
- Blue (56%)



- Red (47%)
- Yellow (50%)
- Blue (56%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77838E 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 77838E by changing the saturation by 10% instead.

■ 77838E

■ 77838E

FFFFFF

■ 5E6A74

■ ABB8C4

■ 46525C

■ C7D4E0

■ 303B44

■ E3F0FC

■ 1A252E

■ 01101A

■ 000000

■ 77838E

■ 77838E

■ 697C8E

■ 858A8E

■ 5B758E

■ 93918E

■ 4C6F8E

■ A2978E

■ 3E688E

■ B09E8E

■ 30618E

■ BEA58E

■ 225A8E

■ CCAC8E

■ 14538E

■ DAB38E

■ 054D8E

■ E9B98E

■ 004A8E

■ F7C08E

Harmonies

Analogous

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



72858B



77838E



7F818E

Triad

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



77838E



907D7E



7C8478

Complementary

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



77838E



8E8277

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.



838275



77838E



8F7E78

Square

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



77838E



8D7D85



8A8075



75857E

Rectangle

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



77838E



847F8C



8A8075



7E8377

Sweetspot

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



77838E



AEB3B8



778E82



56595C



DBDBDB



5C5C5C

Same Dimension

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



77838E



95A7B8



77788E



404447



004787



000408

Inverse Universe

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



8E7783



B895A7



8E8D77



474044



870047



080004

Previews

White Background



This preview shows how the Hex color 77838E looks on a white background.

Color Contrast Check

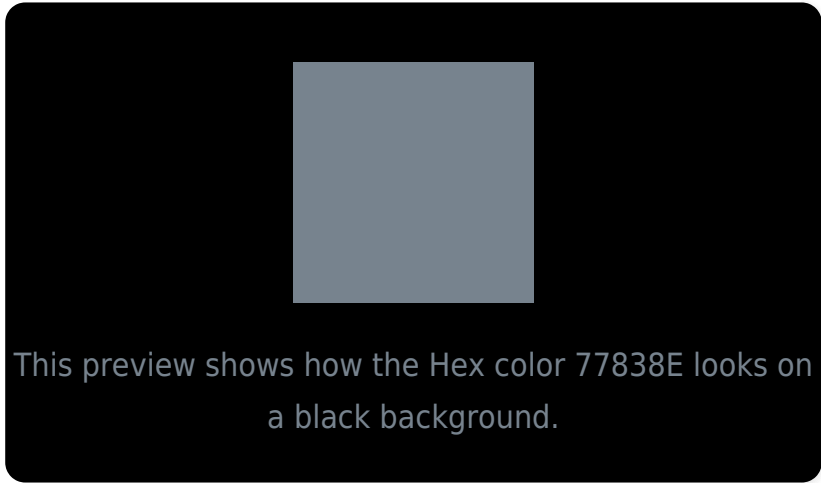
Large Text (above 18pt) WCAG AA ✓ Pass

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

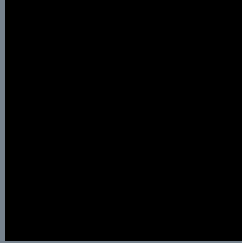
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

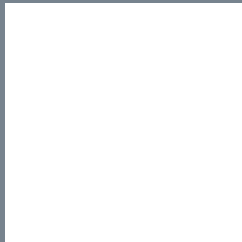
Any Text WCAG AAA × Fail

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

Hex 77838E Background



This preview shows how black text looks on a background with the Hex color 77838E.



This preview shows how white text looks on a background with the Hex color 77838E.

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
77838E

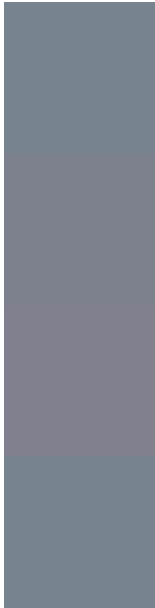
Protanopia
80808C

Deuteranopia
877E8F



Tritanopia
77838E

Trichromacy



Original Color
77838E

Protanomaly
7D818D

Deuteranomaly
81808F

Tritanomaly
77838E

Monochromacy



Original Color
77838E

Achromatopsia
818181

Achromatomaly
7D8286

CSS Examples

Text

The CSS property to change the color of the text to Hex 77838E 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 #77838E looks like.

```
.text, #text, p{  
    color:#77838E  
}
```

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 #77838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77838E
}
```

Border

The CSS property to change the border of an element to Hex 77838E is called "border". The border property can be set on classes, ids or directly on the HTML element.

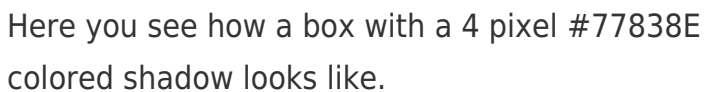
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77838E }
```

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

```
.border{ border-color:#77838E }
```

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



Here you see how a box with a 4 pixel #77838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77838E; -webkit-box-shadow:4px 4px  
4px 4px #77838E; box-shadow:4px 4px 4px  
4px #77838E }
```

Background

The CSS property to change the background color of an element to Hex 77838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77838E }
```

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

```
.background{ background-color:#77838E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor