

# Converting Colors

Hex(778888)

Have a look what the booklet for  
Hex(778888) contains.

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# Color

**Hex(778888)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778888
RGB	119, 136, 136
RGB Percent	47%, 53%, 53%
CMY	0.5333, 0.4667, 0.4667
CMYK	0.12, 0.00, 0.00, 0.47
HSL	180°, 7%, 50%
HSV	180°, 12%, 53%
XYZ	20.8558, 23.3078, 26.6922
YIQ	130.9170, -10.1320, -3.6040

# Conversions

## Conversions Part 2

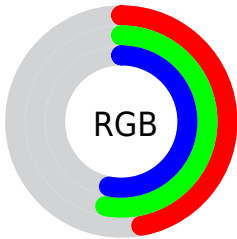
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 128, 136
Decimal	7833736
CIE <sub>Lab</sub>	55.39, -6.13, -2.09
CIE <sub>LCh</sub>	55, 6.475, 198.817
Yxy	23.3078, 0.2943, 0.3289
Android (android.graphics.Color)	4286023816 (0xFF778888)
YUV	130.9170, 2.5059, -10.4512
Hunter-Lab	48.2782, -7.3761, 1.0143

# Details

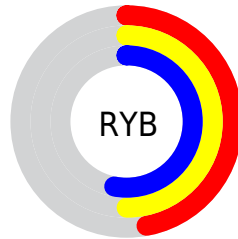
The Hex color **778888** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **887777**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ABBDBD**, and **465656** is the 20% darker color. If you saturate the color by 10%, you get **698888**, and if you desaturate by 10%, it is **858888**.

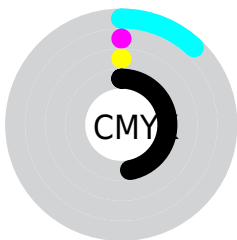
# Distribution



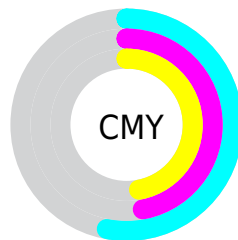
- Red (47%)
- Green (53%)
- Blue (53%)



- Red (47%)
- Yellow (50%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778888 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 778888 by changing the saturation by 10% instead.





778888



778888

FFFFFF



5E6F6F



ABBDBD



465656



C7D9D9



303F3F



E3F6F5



1A2929



011515



000000



778888



778888



698888



858888



5C8888



928888

■ 4E8888

■ A08888

■ 418888

■ AD8888

■ 338888

■ BB8888

■ 258888

■ C98888

■ 188888

■ D68888

■ 0A8888

■ E48888

■ 008888

■ F18888

# Harmonies

## Analogous

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



7A8882



778888



78878D

# Triad

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



778888



8A828C



8C847A

# Complementary

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



778888



887777

# 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.



90827C



778888



8F8187

# Square

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



778888



83848F



918181



86857A

# Rectangle

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



778888



7B868F



918181



8D837A



# Sweetspot

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



778888



A9B0B0



778877



555959



D9D9D9



595959



# Same Dimension

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



778888



96B0B0



778088



3E4545



008585



000505



# Inverse Universe

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



887788



B096B0



888077



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 778888 looks on a white background.

## Color Contrast Check

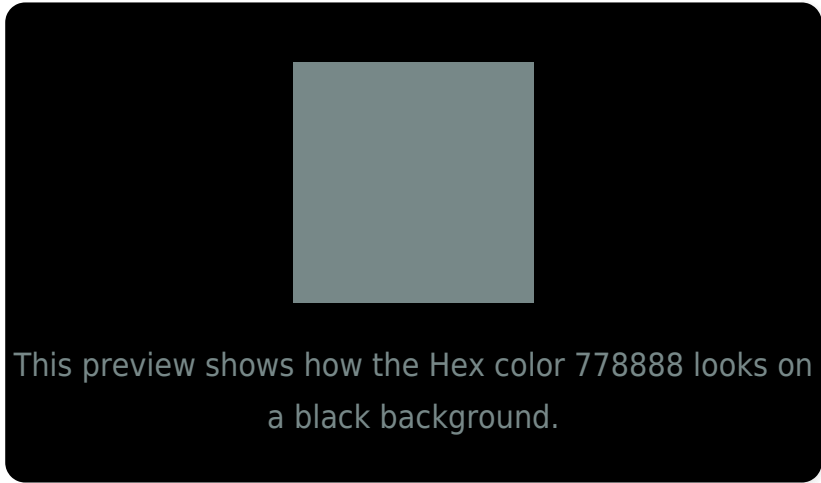
Large Text (above 18pt) WCAG AA ✓ Pass

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

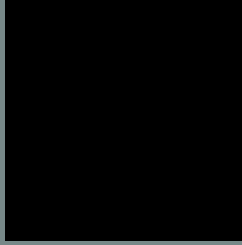
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

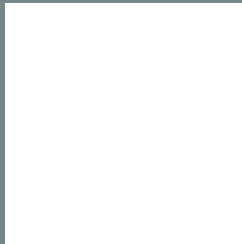
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 778888 Background



This preview shows how black text looks on a background with the Hex color 778888.

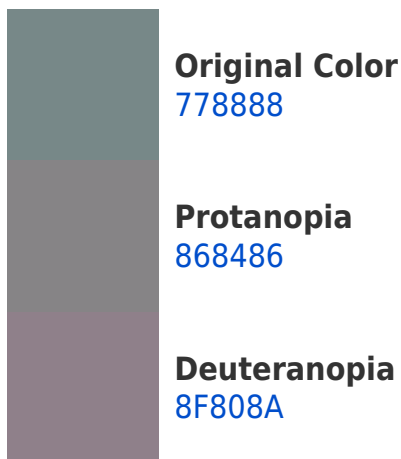


This preview shows how white text looks on a background with the Hex color 778888.

# 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





**Tritanopia**  
798791

# Trichromacy



**Original Color**  
778888

**Protanomaly**  
818587

**Deuteranomaly**  
868389

**Tritanomaly**  
78878E

# Monochromacy



**Original Color**  
778888

**Achromatopsia**  
838383

**Achromatomaly**  
7F8585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778888 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 #778888 looks like.

```
.text, #text, p{  
    color:#778888  
}
```

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 #778888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778888
}
```

## Border

The CSS property to change the border of an element to Hex 778888 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
#778888 }
```

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

```
.border{ border-color:#778888 }
```

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

Here you see how a box with a 4 pixel #778888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778888; -webkit-box-shadow:4px 4px  
4px 4px #778888; box-shadow:4px 4px 4px  
4px #778888 }
```

# Background

The CSS property to change the background color of an element to Hex 778888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778888 }
```

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

```
.background{ background-color:#778888 }
```

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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