

# Converting Colors

Hex(72887E)

Have a look what the booklet for  
Hex(72887E) contains.

<b>Hex(72887E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(72887E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72887E
RGB	114, 136, 126
RGB Percent	45%, 53%, 49%
CMY	0.5529, 0.4667, 0.5059
CMYK	0.16, 0.00, 0.07, 0.47
HSL	153°, 9%, 49%
HSV	153°, 16%, 53%
XYZ	19.5095, 22.6921, 23.0904
YIQ	128.2820, -9.9020, -7.7740

# Conversions

## Conversions Part 2

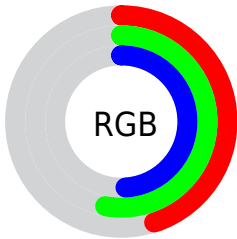
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 128, 136
Decimal	7506046
CIELab	54.75, -10.03, 2.72
CIELCh	55, 10.392, 164.815
Yxy	22.6921, 0.2988, 0.3475
Android (android.graphics.Color)	4285696126 (0xFF72887E)
YUV	128.2820, -1.1250, -12.5253
Hunter-Lab	47.6362, -10.2584, 4.6061

# Details

The Hex color **72887E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **88727C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A6BDB3**, and **42564D** is the 20% darker color. If you saturate the color by 10%, you get **648878**, and if you desaturate by 10%, it is **808884**.

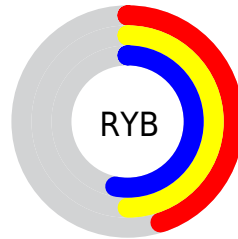
# Distribution



Red (45%)

Green (53%)

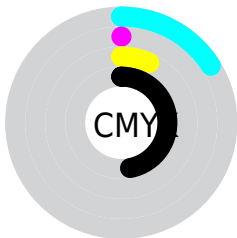
Blue (49%)



Red (45%)

Yellow (50%)

Blue (53%)

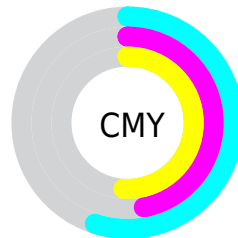


Cyan (16%)

Magenta (0%)

Yellow (7%)

Black (47%)



Cyan (55%)

Magenta (47%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72887E 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 72887E by changing the saturation by 10% instead.





72887E



72887E

FFFFFF



596F65



A6BDB3



42564D



C1D9CE



2B3F36



DDF6EA



162921



FAFFFF



00150A



000000



72887E



72887E



648878



808884



578872



8D888A

■ 49886B

■ 9B8891

■ 3C8865

■ A88897

■ 2E885F

■ B6889D

■ 208859

■ C488A3

■ 138853

■ D188A9

■ 05884D

■ DF88AF

■ 00884A

■ EC88B6

# Harmonies

## Analogous

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



7B8676



72887E



6D8887

# Triad

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



72887E



7F8294



957E77

# Complementary

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



72887E



88727C

# 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.



967D7F



72887E



8A7F90

# Square

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



72887E



748594



937D88



8F8172

# Rectangle

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



72887E



6C888D



937D88



967E79



# Sweetspot

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



72887E



A7B0AC



7C8872



545957



D9D9D9



595959



# Same Dimension

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



72887E



8FB0A1



728788



3E4542



008548



000503



# Inverse Universe

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



88727C



B08F9E



887372



453E41



85003C



050002



# Previews

## White Background



This preview shows how the Hex color 72887E looks on a white background.

## Color Contrast Check

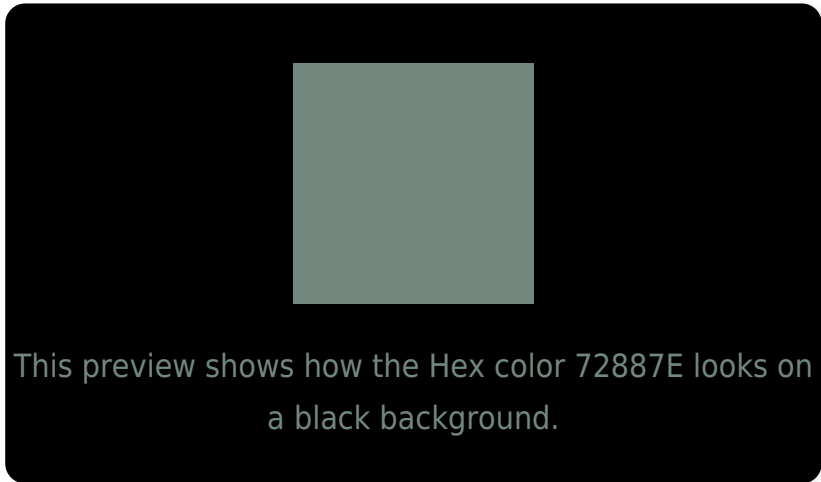
Large Text (above 18pt) WCAG AA ✓ Pass

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

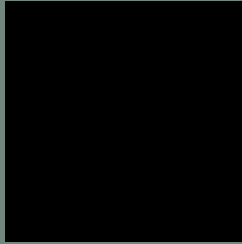
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 72887E Background



This preview shows how black text looks on a background with the Hex color 72887E.

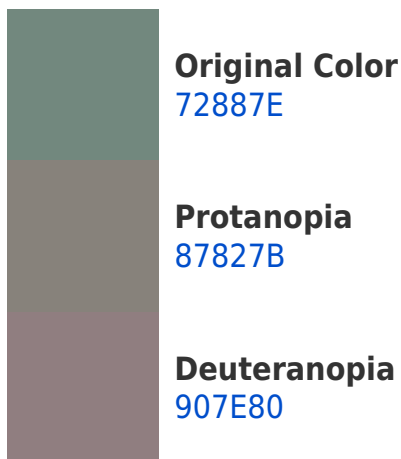


This preview shows how white text looks on a background with the Hex color 72887E.

# 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](#).

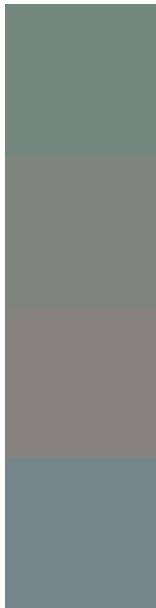
## Dichromacy





**Tritanopia**  
758590

# Trichromacy



**Original Color**  
72887E

**Protanomaly**  
7F847C

**Deuteranomaly**  
85827F

**Tritanomaly**  
748689

# Monochromacy



**Original Color**  
72887E

**Achromatopsia**  
808080

**Achromatomaly**  
7B837F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72887E 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 #72887E looks like.

```
.text, #text, p{  
    color:#72887E  
}
```

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 #72887E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72887E
}
```

## Border

The CSS property to change the border of an element to Hex 72887E 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".

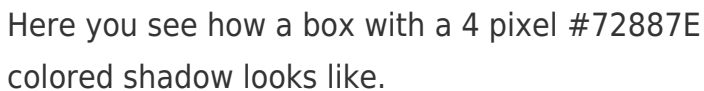
```
.border, #border, table{ border:4px solid
#72887E }
```

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

```
.border{ border-color:#72887E }
```

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

Here you see how a box with a 4 pixel #72887E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72887E; -webkit-box-shadow:4px 4px  
4px 4px #72887E; box-shadow:4px 4px 4px  
4px #72887E }
```

# Background

The CSS property to change the background color of an element to Hex 72887E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72887E }
```

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

```
.background{ background-color:#72887E }
```

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