

# Converting Colors

Hex(70827A)

Have a look what the booklet for  
Hex(70827A) contains.

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# Color

**Hex(70827A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70827A
RGB	112, 130, 122
RGB Percent	44%, 51%, 48%
CMY	0.5608, 0.4902, 0.5216
CMYK	0.14, 0.00, 0.06, 0.49
HSL	153°, 7%, 47%
HSV	153°, 14%, 51%
XYZ	18.1776, 20.8151, 21.4720
YIQ	123.7060, -8.1600, -6.3040

# Conversions

## Conversions Part 2

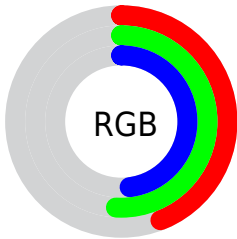
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 124, 130
Decimal	7373434
CIELab	52.75, -8.25, 2.12
CIElCh	53, 8.516, 165.614
Yxy	20.8151, 0.3006, 0.3443
Android (android.graphics.Color)	4285563514 (0xFF70827A)
YUV	123.7060, -0.8411, -10.2662
Hunter-Lab	45.6236, -8.7225, 4.0327

# Details

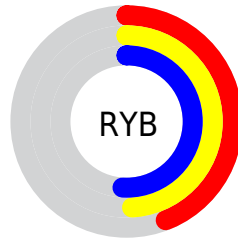
The Hex color **70827A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **827078**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A4B7AE**, and **405149** is the 20% darker color. If you saturate the color by 10%, you get **638274**, and if you desaturate by 10%, it is **7D8280**.

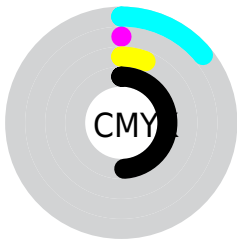
# Distribution



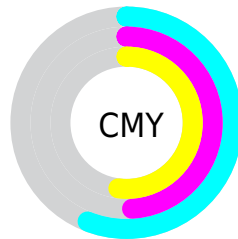
- Red (44%)
- Green (51%)
- Blue (48%)



- Red (44%)
- Yellow (49%)
- Blue (51%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (49%)



- Cyan (56%)
- Magenta (49%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70827A 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 70827A by changing the saturation by 10% instead.





70827A



70827A

FFFFFF



576961



A4B7AE



405149



BFD3CA



2A3A33



DBEFE6



15241E



F7FFFF



000F04



000000



70827A



70827A



638274



7D8280



56826E



8A8286

■ 498269

■ 97828B

■ 3C8263

■ A48291

■ 2F825D

■ B18297

■ 228257

■ BE829D

■ 158252

■ CB82A2

■ 08824C

■ D882A8

■ 008248

■ E582AE

# Harmonies

## Analogous

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



778174



70827A



6C8282

# Triad

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



70827A



7B7D8C



8C7A74

# Complementary

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



70827A



827078

# 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.



8E797A



70827A



847B88

# Square

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



70827A



72808C



8B7982



877C70

# Rectangle

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



70827A



6C8286



8B7982



8D7A76



# Sweetspot

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



70827A



A2A8A5



788270



505452



D4D4D4



545454



# Same Dimension

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



70827A



8CA89C



708182



39403D



008047



000000



# Inverse Universe

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



827078



A88C98



827170



40393C



800039



000000



# Previews

## White Background



This preview shows how the Hex color 70827A looks on a white background.

## Color Contrast Check

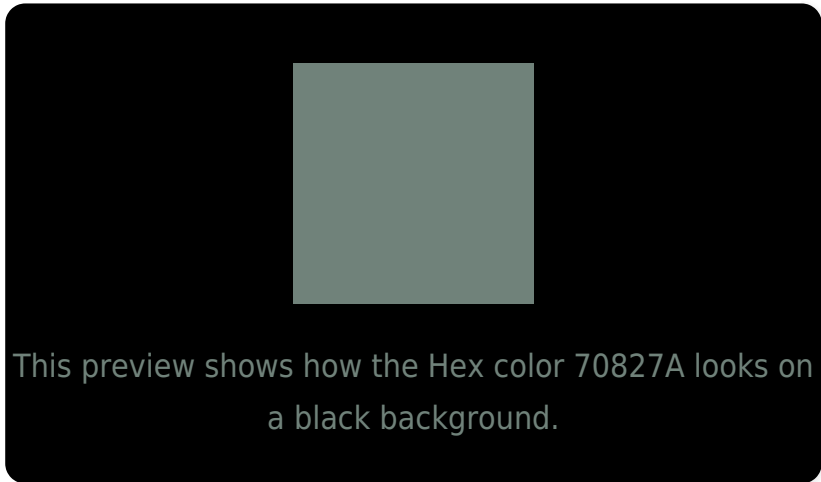
Large Text (above 18pt) WCAG AA ✓ Pass

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

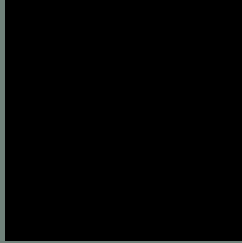
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

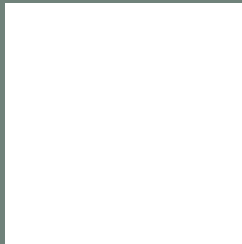
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70827A Background



This preview shows how black text looks on a background with the Hex color 70827A.

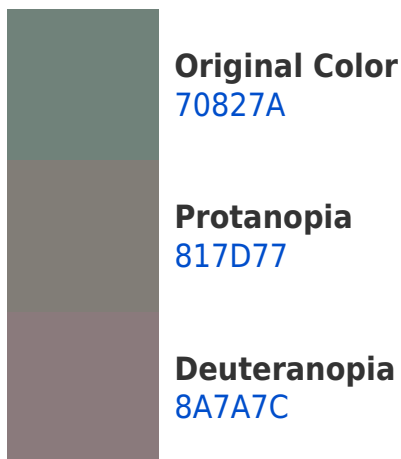


This preview shows how white text looks on a background with the Hex color 70827A.

# 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**  
73808A

# Trichromacy



**Original Color**  
70827A

**Protanomaly**  
7B7F78

**Deuteranomaly**  
817D7B

**Tritanomaly**  
728184

# Monochromacy



**Original Color**  
70827A

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
787E7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70827A 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 #70827A looks like.

```
.text, #text, p{  
    color:#70827A  
}
```

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 #70827A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70827A
}
```

## Border

The CSS property to change the border of an element to Hex 70827A 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
#70827A }
```

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

```
.border{ border-color:#70827A }
```

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

Here you see how a box with a 4 pixel #70827A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70827A; -webkit-box-shadow:4px 4px  
4px 4px #70827A; box-shadow:4px 4px 4px  
4px #70827A }
```

# Background

The CSS property to change the background color of an element to Hex 70827A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70827A }
```

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

```
.background{ background-color:#70827A }
```

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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