

# Converting Colors

Hex(708870)

Have a look what the booklet for  
Hex(708870) contains.

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# Color

**Hex(708870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	708870
RGB	112, 136, 112
RGB Percent	44%, 53%, 44%
CMY	0.5608, 0.4667, 0.5608
CMYK	0.18, 0.00, 0.18, 0.47
HSL	120°, 10%, 49%
HSV	120°, 18%, 53%
XYZ	18.4109, 22.2229, 18.6483
YIQ	126.0880, -6.6000, -12.5520

# Conversions

## Conversions Part 2

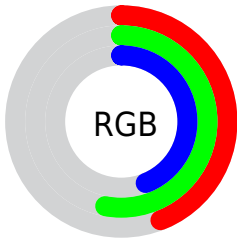
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 136, 136
Decimal	7374960
CIELab	54.26, -13.56, 10.07
CIELCh	54, 16.890, 143.382
Yxy	22.2229, 0.3106, 0.3749
Android (android.graphics.Color)	4285565040 (0xFF708870)
YUV	126.0880, -6.9454, -12.3552
Hunter-Lab	47.1412, -12.7843, 9.5446

# Details

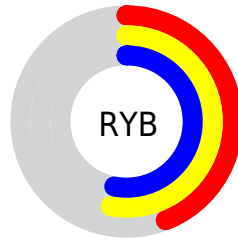
The Hex color **708870** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **887088**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A4BDA4**, and **405640** is the 20% darker color. If you saturate the color by 10%, you get **628862**, and if you desaturate by 10%, it is **7E887E**.

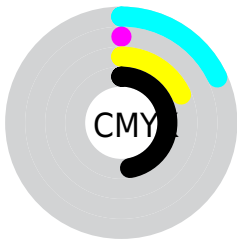
# Distribution



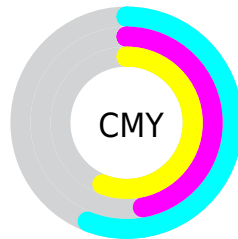
- Red (44%)
- Green (53%)
- Blue (44%)



- Red (44%)
- Yellow (53%)
- Blue (53%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 708870 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 708870 by changing the saturation by 10% instead.



 708870

 708870

FFFFFF

 576F58

 A4BDA4

 405640

 BFD9BF

 293F2A

 DBF6DB

 142916

 F8FFF7

 001500

 000000

 708870

 708870

 628862

 7E887E

 558855

 8B888B

 478847

 998899

 3A883A


 A688A6

 2C882C

 B488B4

 1E881E

 C288C2

 118811

 CF88CF

 038803

 DD88DD

 008800

 EA88EA

# Harmonies

## Analogous

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



818467



708870



618A7E

# Triad

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



708870



6D849E



A07877

# Complementary

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



708870



887088

# 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.



9D7886



708870



807F9C

# Square

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



708870



5E8899



927A93



9B7B6B

# Rectangle

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



708870



5B8A88



927A93



A0787C



# Sweetspot

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



708870



A7B0A7



888870



545954



D9D9D9



595959



# Same Dimension

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



708870



8BB08B



70887C



3E453E



008500



000500



# Inverse Universe

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



887088



B08BB0



88707C



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 708870 looks on a white background.

## Color Contrast Check

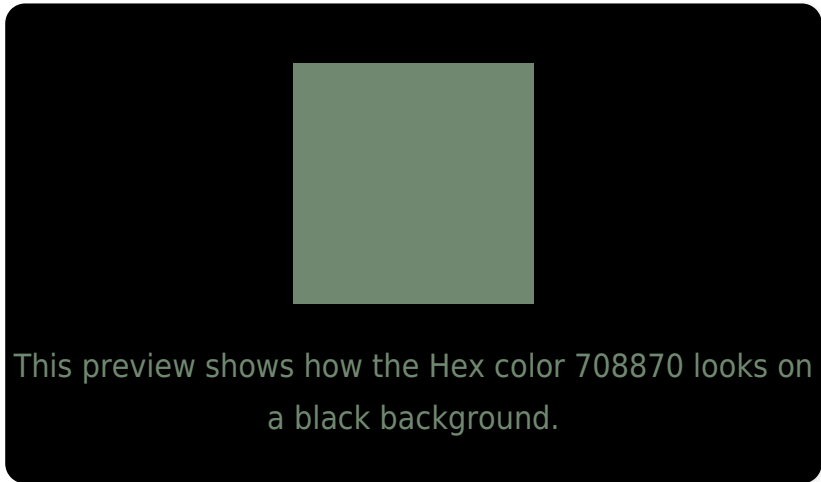
Large Text (above 18pt) WCAG AA ✓ Pass

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

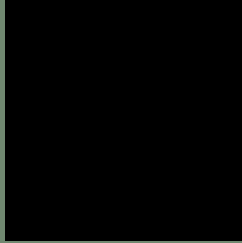
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 708870 Background



This preview shows how black text looks on a background with the Hex color 708870.

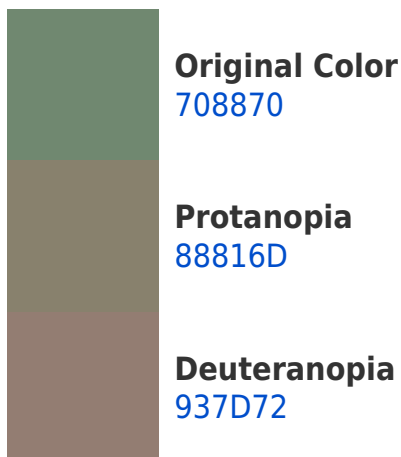


This preview shows how white text looks on a background with the Hex color 708870.

# 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**  
75848E

# Trichromacy



**Original Color**  
708870

**Protanomaly**  
7F846E

**Deuteranomaly**  
868171

**Tritanomaly**  
738583

# Monochromacy



**Original Color**  
708870

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
798279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 708870 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 #708870 looks like.

```
.text, #text, p{  
    color:#708870  
}
```

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 #708870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #708870
}
```

## Border

The CSS property to change the border of an element to Hex 708870 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
#708870 }
```

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

```
.border{ border-color:#708870 }
```

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

Here you see how a box with a 4 pixel #708870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #708870; -webkit-box-shadow:4px 4px  
4px 4px #708870; box-shadow:4px 4px 4px  
4px #708870 }
```

# Background

The CSS property to change the background color of an element to Hex 708870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#708870 }
```

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

```
.background{ background-color:#708870 }
```

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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