

# Converting Colors

Hex(717870)

Have a look what the booklet for  
Hex(717870) contains.

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# Color

**Hex(717870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	717870
RGB	113, 120, 112
RGB Percent	44%, 47%, 44%
CMY	0.5569, 0.5294, 0.5608
CMYK	0.06, 0.00, 0.07, 0.53
HSL	113°, 3%, 45%
HSV	113°, 7%, 47%
XYZ	16.4512, 18.1135, 17.9584
YIQ	116.9950, -1.6040, -3.9720

# Conversions

## Conversions Part 2

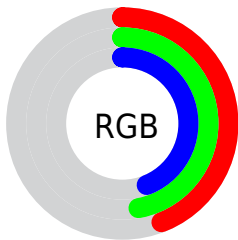
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 120, 119
Decimal	7436400
CIE Lab	49.63, -4.25, 3.48
CIE LCh	50, 5.497, 140.722
Yxy	18.1135, 0.3132, 0.3449
Android (android.graphics.Color)	4285626480 (0xFF717870)
YUV	116.9950, -2.4625, -3.5036
Hunter-Lab	42.5600, -5.4824, 4.7742

# Details

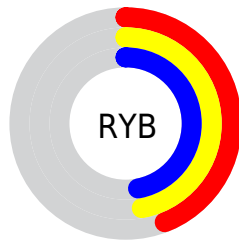
The Hex color **717870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777078**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A5ACA4**, and **414840** is the 20% darker color. If you saturate the color by 10%, you get **667864**, and if you desaturate by 10%, it is **7C787C**.

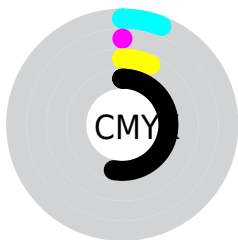
# Distribution



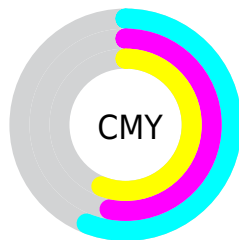
- Red (44%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (47%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717870 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 717870 by changing the saturation by 10% instead.



717870

717870

FFFFFF

595F58

A5ACA4

414840

C0C8BF

2B312A

DCE4DB

171C16

F8FFF7

000000

717870

717870

667864

7C787C

5C7858

867888

51784C

917894

■ 477840

■ 9B78A0

■ 3C7834

■ A678AC

■ 327828

■ B078B8

■ 27781C

■ BB78C4

■ 1D7810

■ C578D0

■ 127804

■ D078DC

# Harmonies

## Analogous

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



76776D



717870



6D7974

# Triad

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



717870



70777F



807373

# Complementary

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



717870



777078

# 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.



7F7378



717870



75757F

# Square

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



717870



6C787D



7B747C



7F746F

# Rectangle

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



717870



6B7978



7B747C



807374



# Sweetspot

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



717870



999C98



787770



4E4F4D



CFCFCF



4F4F4F



# Same Dimension

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



717870



919C8F



707873



383D37



107D00



20FC00



# Inverse Universe

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



777078



9A8F9C



787075



3C373D



6D007D



DD00FC



# Previews

## White Background



This preview shows how the Hex color 717870 looks on a white background.

## Color Contrast Check

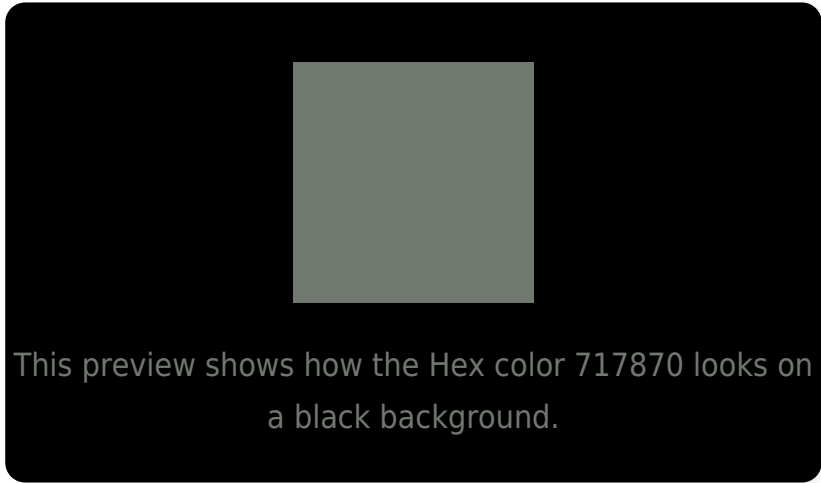
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

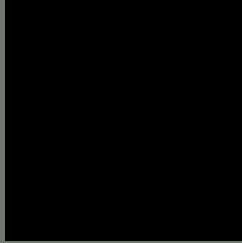
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

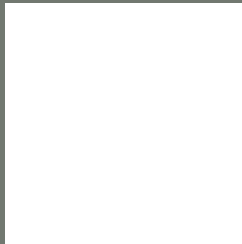
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 717870 Background



This preview shows how black text looks on a background with the Hex color 717870.

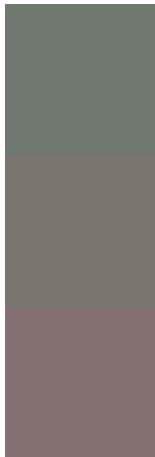


This preview shows how white text looks on a background with the Hex color 717870.

# 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**  
717870

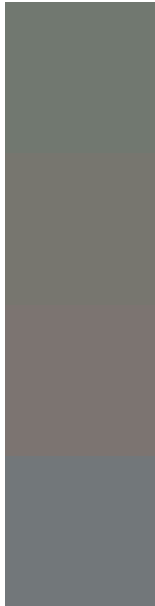
**Protanopia**  
7A756F

**Deuteranopia**  
837271



**Tritanopia**  
73767F

# Trichromacy



**Original Color**  
717870

**Protanomaly**  
77766F

**Deuteranomaly**  
7C7471

**Tritanomaly**  
72777A

# Monochromacy



**Original Color**  
717870

**Achromatopsia**  
757575

**Achromatomaly**  
747673

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717870 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 #717870 looks like.

```
.text, #text, p{  
    color:#717870  
}
```

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 #717870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717870
}
```

## Border

The CSS property to change the border of an element to Hex 717870 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
#717870 }
```

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

```
.border{ border-color:#717870 }
```

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

Here you see how a box with a 4 pixel #717870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717870; -webkit-box-shadow:4px 4px  
4px 4px #717870; box-shadow:4px 4px 4px  
4px #717870 }
```

# Background

The CSS property to change the background color of an element to Hex 717870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717870 }
```

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

```
.background{ background-color:#717870 }
```

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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