

# Converting Colors

Hex(717A85)

Have a look what the booklet for  
Hex(717A85) contains.

<b>Hex(717A85)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(717A85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	717A85
RGB	113, 122, 133
RGB Percent	44%, 48%, 52%
CMY	0.5569, 0.5216, 0.4784
CMYK	0.15, 0.08, 0.00, 0.48
HSL	213°, 8%, 48%
HSV	213°, 15%, 52%
XYZ	18.0032, 19.1232, 24.9326
YIQ	120.5630, -8.8950, 1.5130

# Conversions

## Conversions Part 2

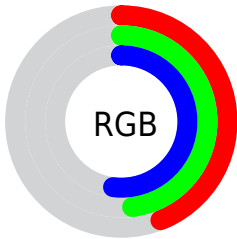
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 119, 133
Decimal	7436933
CIE Lab	50.83, -0.92, -7.13
CIE LCh	51, 7.191, 262.681
Yxy	19.1232, 0.2901, 0.3081
Android (android.graphics.Color)	4285627013 (0xFF717A85)
YUV	120.5630, 6.1314, -6.6328
Hunter-Lab	43.7301, -3.0412, -3.1929

# Details

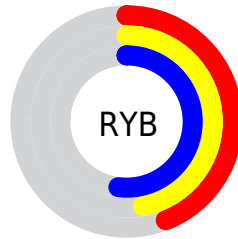
The Hex color **717A85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **857C71**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A5AEBA**, and **414954** is the 20% darker color. If you saturate the color by 10%, you get **647385**, and if you desaturate by 10%, it is **7E8185**.

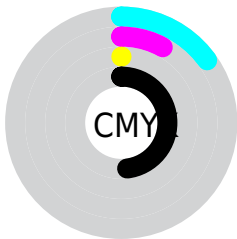
# Distribution



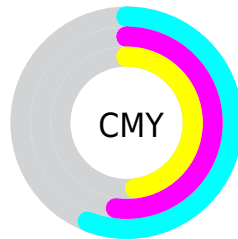
- Red (44%)
- Green (48%)
- Blue (52%)



- Red (44%)
- Yellow (47%)
- Blue (52%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (56%)
- Magenta (52%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717A85 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 717A85 by changing the saturation by 10% instead.





717A85



717A85

FFFFFF



58616C



A5AEBA



414954



C0CAD6



2B333C



DCE6F2



161E27



F9FFFF



000412



000000



717A85



717A85



647385



7E8185



566B85



8C8985

■ 496485

■ 999085

■ 3C5D85

■ A69785

■ 2E5585

■ B49F85

■ 214E85

■ C1A685

■ 144785

■ CEAD85

■ 073F85

■ DBB585

■ 003C85

■ E9BC85

# Harmonies

## Analogous

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



6C7C83



717A85



787884

# Triad

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



717A85



867575



727C71

# Complementary

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



717A85



857C71

# 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.



797A6E



717A85



857670

# Square

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



717A85



85757B



80786D



6C7D77

# Rectangle

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



717A85



7D7782



80786D



747B70



# Sweetspot

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



717A85



A5A9AD



71857C



515457



D6D6D6



575757



# Same Dimension

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



717A85



8E9CAD



727185



3C3F42



003B82



000103



# Inverse Universe

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



85717A



AD8E9C



848571



423C3F



82003B

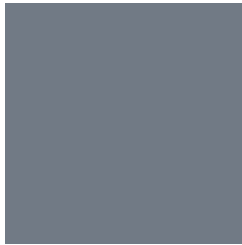


030001



# Previews

## White Background



This preview shows how the Hex color 717A85 looks on a white background.

## Color Contrast Check

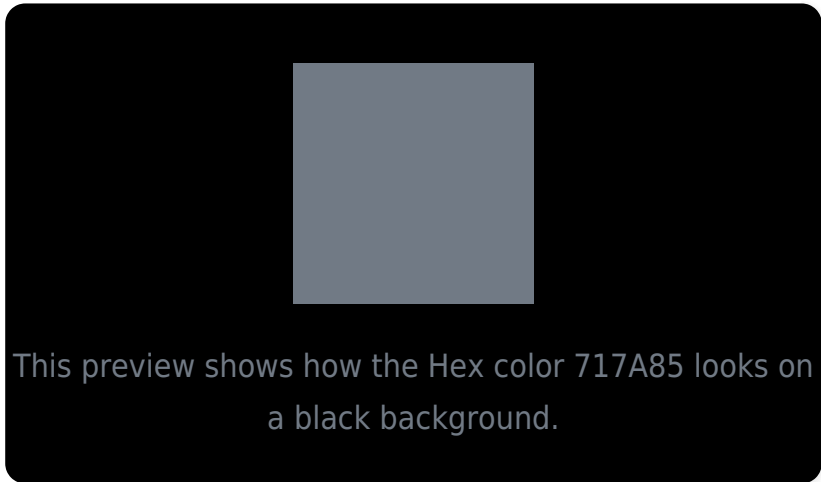
Large Text (above 18pt) WCAG AA ✓ Pass

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

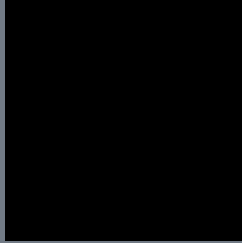
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

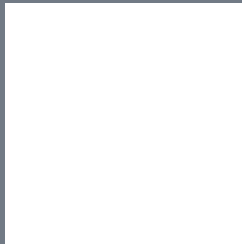
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 717A85 Background



This preview shows how black text looks on a background with the Hex color 717A85.



This preview shows how white text looks on a background with the Hex color 717A85.

# 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**

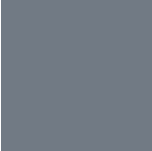
717A85

**Protanopia**

787884

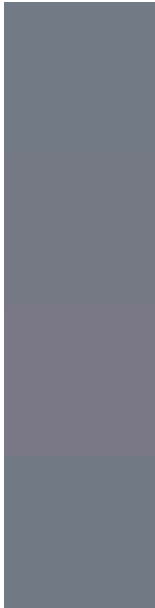
**Deuteranopia**

7F7686



**Tritanopia**  
717A84

# Trichromacy



**Original Color**  
717A85

**Protanomaly**  
757984

**Deuteranomaly**  
7A7786

**Tritanomaly**  
717A84

# Monochromacy



**Original Color**  
717A85

**Achromatopsia**  
797979

**Achromatomaly**  
76797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717A85 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 #717A85 looks like.

```
.text, #text, p{  
    color:#717A85  
}
```

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 #717A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717A85
}
```

## Border

The CSS property to change the border of an element to Hex 717A85 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
#717A85 }
```

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

```
.border{ border-color:#717A85 }
```

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

Here you see how a box with a 4 pixel #717A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717A85; -webkit-box-shadow:4px 4px  
4px 4px #717A85; box-shadow:4px 4px 4px  
4px #717A85 }
```

# Background

The CSS property to change the background color of an element to Hex 717A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717A85 }
```

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

```
.background{ background-color:#717A85 }
```

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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