

Converting Colors

Hex(717A87)

Have a look what the booklet for
Hex(717A87) contains.

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Color

Hex(717A87)

Conversions

Conversions Part 1

Format	Color
Hex	717A87
RGB	113, 122, 135
RGB Percent	44%, 48%, 53%
CMY	0.5569, 0.5216, 0.4706
CMYK	0.16, 0.10, 0.00, 0.47
HSL	215°, 9%, 49%
HSV	215°, 16%, 53%
XYZ	18.1428, 19.1790, 25.6674
YIQ	120.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

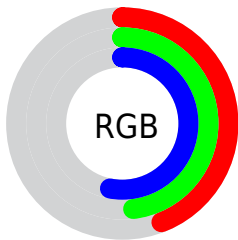
Format	Color
R_{YB}	113, 119, 135
Decimal	7436935
CIE _{Lab}	50.90, -0.46, -8.21
CIE _{LCh}	51, 8.223, 266.821
Yxy	19.1790, 0.2880, 0.3045
Android (android.graphics.Color)	4285627015 (0xFF717A87)
YUV	120.7910, 7.0050, -6.8327
Hunter-Lab	43.7939, -2.6910, -4.0938

Details

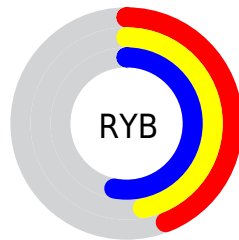
The Hex color **717A87** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **877E71**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A5AEBC**, and **414955** is the 20% darker color. If you saturate the color by 10%, you get **637287**, and if you desaturate by 10%, it is **7F8287**.

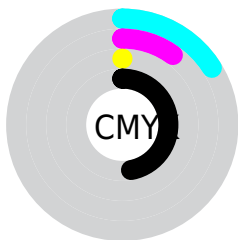
Distribution



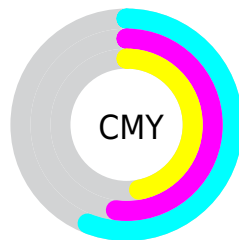
- Red (44%)
- Green (48%)
- Blue (53%)



- Red (44%)
- Yellow (47%)
- Blue (53%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717A87 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 717A87 by changing the saturation by 10% instead.



717A87



717A87

FFFFFF



58616E



A5AEBC



414955



C0CAD8



2B333E



DCE6F4



151E28



F9FFFF



000414



000000



717A87



717A87



637287



7F8287



566A87



8C8A87

■ 496287

■ 9A9287

■ 3B5A87

■ A79A87

■ 2D5287

■ B5A287

■ 204A87

■ C2AA87

■ 124287

■ D0B287

■ 053A87

■ DDBA87

■ 003787

■ EBC287

Harmonies

Analogous

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



6A7C85



717A87



7A7886

Triad

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



717A87



887573



707C71

Complementary

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



717A87



877E71

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.



787B6D



717A87



86766E

Square

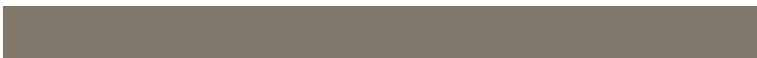
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



717A87



87757A



80786B



6A7D78

Rectangle

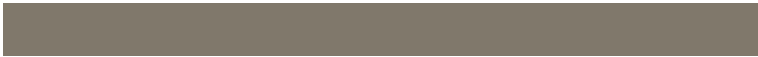
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



717A87



7F7683



80786B



737C6F

Sweetspot

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



717A87



A7ABB0



71877E



545659



D9D9D9



595959

Same Dimension

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



717A87



8D9BB0



737187



3C3E42



003582



000103

Inverse Universe

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



87717A



B08D9B



858771



423C3E



820035



030001

Previews

White Background



This preview shows how the Hex color 717A87 looks on a white background.

Color Contrast Check

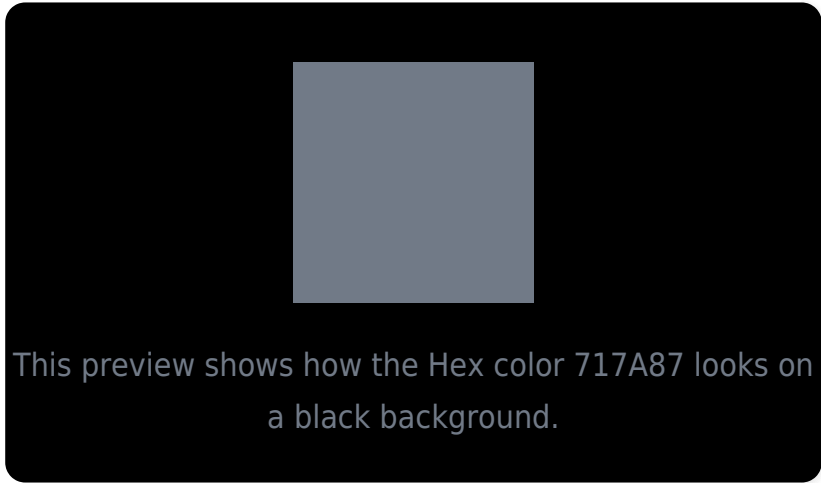
Large Text (above 18pt) WCAG AA ✓ Pass

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

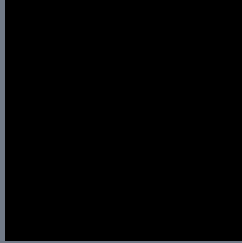
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

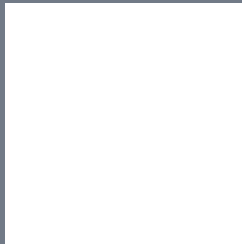
Any Text WCAG AAA × Fail

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

Hex 717A87 Background



This preview shows how black text looks on a background with the Hex color 717A87.



This preview shows how white text looks on a background with the Hex color 717A87.

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

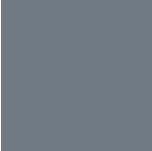
717A87

Protanopia

777886

Deuteranopia

7E7688



Tritanopia
707A84

Trichromacy



Original Color
717A87

Protanomaly
757986

Deuteranomaly
797788

Tritanomaly
707A85

Monochromacy



Original Color
717A87

Achromatopsia
797979

Achromatomaly
76797E

CSS Examples

Text

The CSS property to change the color of the text to Hex 717A87 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 #717A87 looks like.

```
.text, #text, p{  
    color:#717A87  
}
```

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 #717A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717A87
}
```

Border

The CSS property to change the border of an element to Hex 717A87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

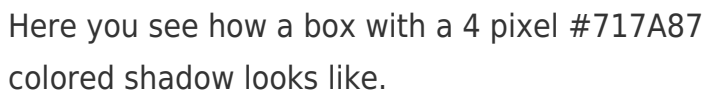
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717A87 }
```

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

```
.border{ border-color:#717A87 }
```

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



Here you see how a box with a 4 pixel #717A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717A87; -webkit-box-shadow:4px 4px  
4px 4px #717A87; box-shadow:4px 4px 4px  
4px #717A87 }
```

Background

The CSS property to change the background color of an element to Hex 717A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717A87 }
```

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

```
.background{ background-color:#717A87 }
```

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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