

Converting Colors

Hex(717E8B)

Have a look what the booklet for
Hex(717E8B) contains.

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Color

Hex(717E8B)

Conversions

Conversions Part 1

Format	Color
Hex	717E8B
RGB	113, 126, 139
RGB Percent	44%, 49%, 55%
CMY	0.5569, 0.5059, 0.4549
CMYK	0.19, 0.09, 0.00, 0.45
HSL	210°, 10%, 49%
HSV	210°, 19%, 55%
XYZ	18.9311, 20.2965, 27.3459
YIQ	123.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

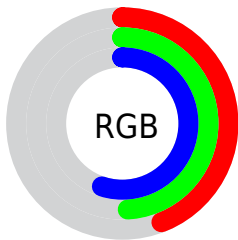
Format	Color
R_{YB}	113, 122, 139
Decimal	7437963
CIE _{Lab}	52.17, -1.84, -8.65
CIE _{LCh}	52, 8.843, 257.991
Yxy	20.2965, 0.2844, 0.3049
Android (android.graphics.Color)	4285628043 (0xFF717E8B)
YUV	123.5950, 7.5947, -9.2918
Hunter-Lab	45.0516, -3.8330, -4.4523

Details

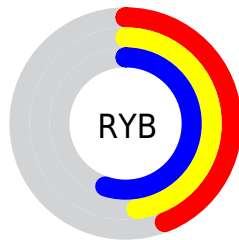
The Hex color **717E8B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B7E71**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A5B3C0**, and **414D59** is the 20% darker color. If you saturate the color by 10%, you get **63778B**, and if you desaturate by 10%, it is **7F858B**.

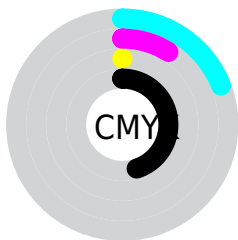
Distribution



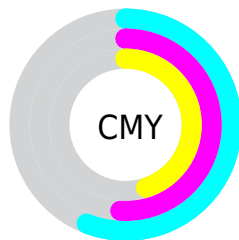
- Red (44%)
- Green (49%)
- Blue (55%)



- Red (44%)
- Yellow (48%)
- Blue (55%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717E8B 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 717E8B by changing the saturation by 10% instead.

■ 717E8B

■ 717E8B

FFFFFF

■ 586572

■ A5B3C0

■ 414D59

■ C0CEDC

■ 2A3642

■ DCEAF9

■ 15212C

■ F9FFFF

■ 000A17

■ 000000

■ 717E8B

■ 717E8B

■ 63778B

■ 7F858B

■ 55708B

■ 8D8C8B

47698B

9B938B

39628B

A99A8B

2B5B8B

B7A18B

1E548B

C4A88B

104D8B

D2AF8B

02468B

E0B68B

00468B

EEBD8B

Harmonies

Analogous

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



6B8087



717E8B



7A7C8B

Triad

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



717E8B



8D7778



757F72

Complementary

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



717E8B



8B7E71

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.



7E7D6E



717E8B



8B7971

Square

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



717E8B



8A7880



867B6E



6E8179

Rectangle

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



717E8B



807A88



867B6E



787F70

Sweetspot

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



717E8B



AAB0B5



718B7E



55595C



DBDBDB



5C5C5C

Same Dimension

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



717E8B



8DA1B5



71718B



3E4145



004285



000305

Inverse Universe

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



8B717E



B58DA1



8B8B71



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 717E8B looks on a white background.

Color Contrast Check

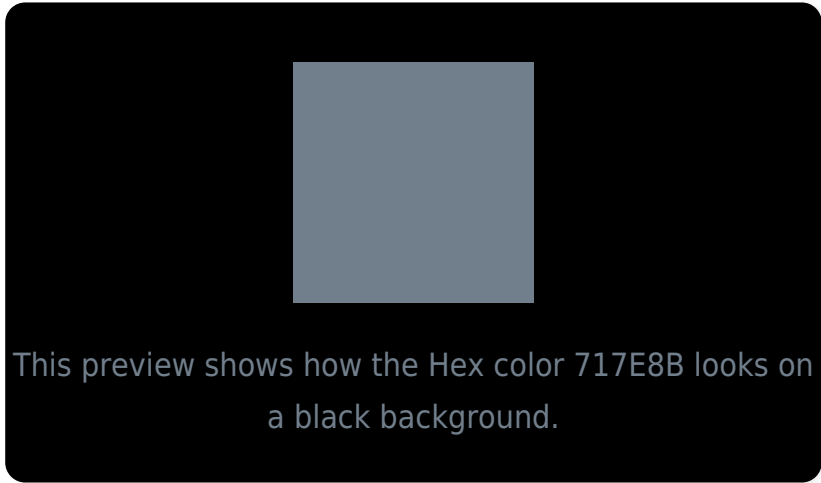
Large Text (above 18pt) WCAG AA ✓ Pass

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

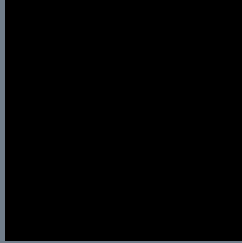
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

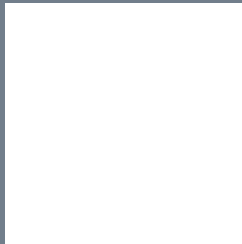
Any Text WCAG AAA × Fail

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

Hex 717E8B Background



This preview shows how black text looks on a background with the Hex color 717E8B.



This preview shows how white text looks on a background with the Hex color 717E8B.

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

717E8B

Protanopia

7B7B89

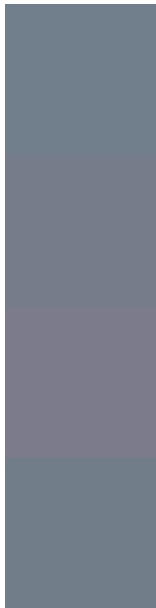
Deuteranopia

81798C



Tritanopia
717E88

Trichromacy



Original Color

717E8B

Protanomaly

777C8A

Deuteranomaly

7B7B8C

Tritanomaly

717E89

Monochromacy



Original Color

717E8B

Achromatopsia

7C7C7C

Achromatomaly

787D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 717E8B 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 #717E8B looks like.

```
.text, #text, p{  
    color:#717E8B  
}
```

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 #717E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717E8B
}
```

Border

The CSS property to change the border of an element to Hex 717E8B 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
#717E8B }
```

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

```
.border{ border-color:#717E8B }
```

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

Here you see how a box with a 4 pixel #717E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717E8B; -webkit-box-shadow:4px 4px  
4px 4px #717E8B; box-shadow:4px 4px 4px  
4px #717E8B }
```

Background

The CSS property to change the background color of an element to Hex 717E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717E8B }
```

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

```
.background{ background-color:#717E8B }
```

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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