

Converting Colors

Hex(68717A)

Have a look what the booklet for
Hex(68717A) contains.

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Color

Hex(68717A)

Conversions

Conversions Part 1

Format	Color
Hex	68717A
RGB	104, 113, 122
RGB Percent	41%, 44%, 48%
CMY	0.5922, 0.5569, 0.5216
CMYK	0.15, 0.07, 0.00, 0.52
HSL	210°, 8%, 44%
HSV	210°, 15%, 48%
XYZ	15.1269, 16.1585, 20.7340
YIQ	111.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

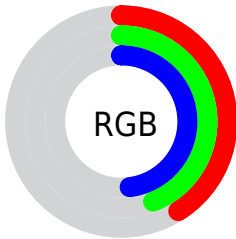
Format	Color
R_{YB}	104, 110, 122
Decimal	6844794
CIE _{Lab}	47.18, -1.37, -6.13
CIE _{LCh}	47, 6.282, 257.369
Yxy	16.1585, 0.2908, 0.3106
Android (android.graphics.Color)	4285034874 (0xFF68717A)
YUV	111.3350, 5.2578, -6.4328
Hunter-Lab	40.1976, -3.1738, -2.4436

Details

The Hex color **68717A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7168**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BA5AE**, and **394149** is the 20% darker color. If you saturate the color by 10%, you get **5C6B7A**, and if you desaturate by 10%, it is **74777A**.

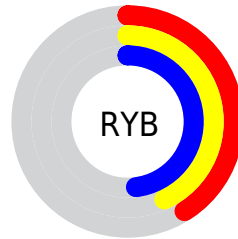
Distribution



Red (41%)

Green (44%)

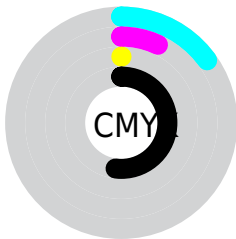
Blue (48%)



Red (41%)

Yellow (43%)

Blue (48%)

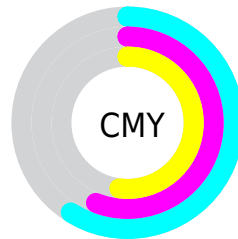


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68717A 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 68717A by changing the saturation by 10% instead.



68717A



68717A

FFFFFF



505961



9BA5AE



394149



B6C0CA



232B33



D2DCE6



0E171E



EEF8FF



000003



000000



68717A



68717A



5C6B7A



74777A



50657A



807D7A

■ 435F7A

■ 8D837A

■ 37597A

■ 99897A

■ 2B537A

■ A5907A

■ 1F4C7A

■ B1967A

■ 13467A

■ BD9C7A

■ 06407A

■ CAA27A

■ 003D7A

■ D6A87A

Harmonies

Analogous

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



647277



68717A



6E6F7A

Triad

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



68717A



7B6C6D



6B7269

Complementary

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



68717A



7A7168

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.



717066



68717A



7A6D68

Square

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



68717A



796D72



776F66



66736D

Rectangle

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



68717A



736E78



776F66



6D7267

Sweetspot

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



68717A



989B9E



687A71



4B4D4F



CFCFCF



4F4F4F

Same Dimension

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



68717A



82909E



68687A



373A3D



003E7D



007EFC

Inverse Universe

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



7A6871



9E8290



7A7A68



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 68717A looks on a white background.

Color Contrast Check

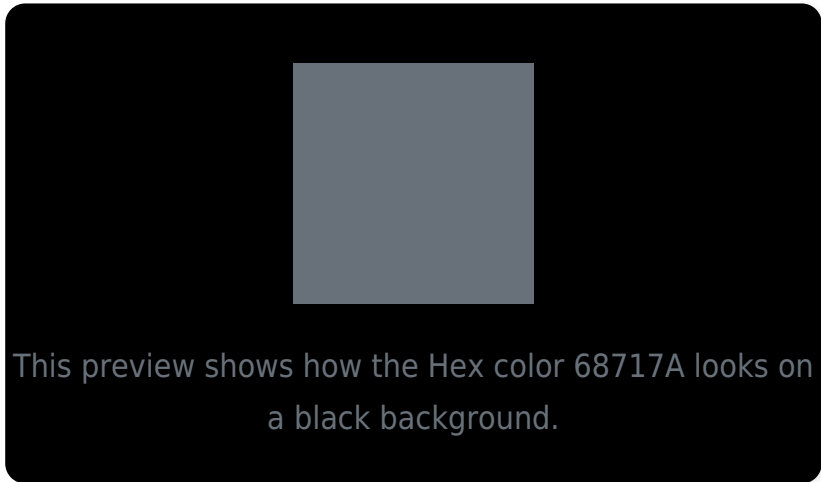
Large Text (above 18pt) WCAG AA ✓ Pass

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

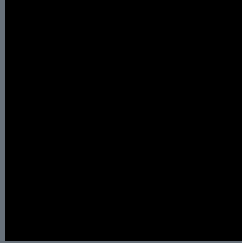
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

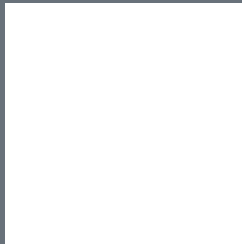
Any Text WCAG AAA × Fail

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

Hex 68717A Background



This preview shows how black text looks on a background with the Hex color 68717A.



This preview shows how white text looks on a background with the Hex color 68717A.

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
68717A

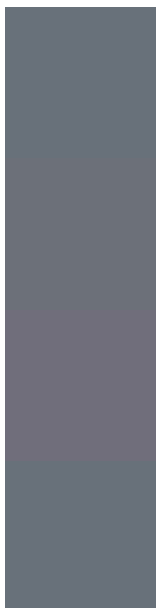
Protanopia
6F6F79

Deuteranopia
756D7B



Tritanopia
68717A

Trichromacy



Original Color

68717A

Protanomaly

6C7079

Deuteranomaly

706E7B

Tritanomaly

68717A

Monochromacy



Original Color

68717A

Achromatopsia

6F6F6F

Achromatomaly

6C7073

CSS Examples

Text

The CSS property to change the color of the text to Hex 68717A 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 #68717A looks like.

```
.text, #text, p{  
    color:#68717A  
}
```

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 #68717A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68717A
}
```

Border

The CSS property to change the border of an element to Hex 68717A is called "border". The border property can be set on classes, ids or directly on the HTML element.

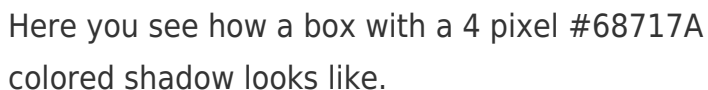
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68717A }
```

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

```
.border{ border-color:#68717A }
```

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



Here you see how a box with a 4 pixel #68717A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68717A; -webkit-box-shadow:4px 4px  
4px 4px #68717A; box-shadow:4px 4px 4px  
4px #68717A }
```

Background

The CSS property to change the background color of an element to Hex 68717A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68717A }
```

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

```
.background{ background-color:#68717A }
```

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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