

Converting Colors

Hex(63787A)

Have a look what the booklet for
Hex(63787A) contains.

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Color

Hex(63787A)

Conversions

Conversions Part 1

Format	Color
Hex	63787A
RGB	99, 120, 122
RGB Percent	39%, 47%, 48%
CMY	0.6118, 0.5294, 0.5216
CMYK	0.19, 0.02, 0.00, 0.52
HSL	185°, 10%, 43%
HSV	185°, 19%, 48%
XYZ	15.3749, 17.4907, 20.9781
YIQ	113.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

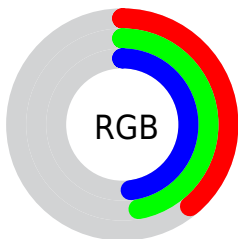
Format	Color
R_{YB}	99, 110, 122
Decimal	6518906
CIE Lab	48.87, -7.19, -3.66
CIE LCh	49, 8.069, 207.008
Yxy	17.4907, 0.2855, 0.3248
Android (android.graphics.Color)	4284708986 (0xFF63787A)
YUV	113.9490, 3.9691, -13.1103
Hunter-Lab	41.8219, -7.5668, -0.4648

Details

The Hex color **63787A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6563**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **96ACAE**, and **344849** is the 20% darker color. If you saturate the color by 10%, you get **57777A**, and if you desaturate by 10%, it is **6F797A**.

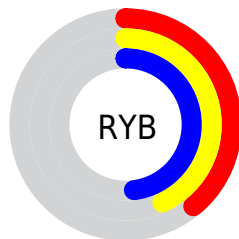
Distribution



Red (39%)

Green (47%)

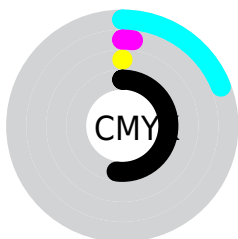
Blue (48%)



Red (39%)

Yellow (43%)

Blue (48%)

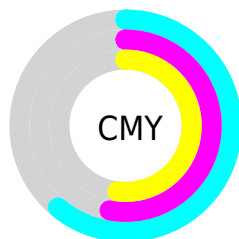


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (61%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63787A 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 63787A by changing the saturation by 10% instead.



63787A



63787A

FFFFFF



4B5F61



96ACAE



344849



B1C8CA



1E3133



CDE4E6



081C1E



E9FFFF



000004



000000



63787A



63787A



57777A



6F797A



4B767A



7B7A7A

3E757A

887B7A

32747A

947C7A

26737A

A07D7A

1A727A

AC7E7A

0E717A

B87F7A

01707A

C5807A

006F7A

D1827A

Harmonies

Analogous

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



657873



63787A



66777F

Triad

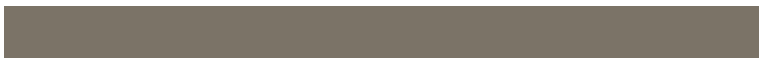
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63787A



7D717C



7B7367

Complementary

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



63787A



7A6563

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.



807169



63787A



827075

Square

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



63787A



757380



83706E



737668

Rectangle

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



63787A



6A7681



83706E



7D7367

Sweetspot

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



63787A



959D9E



637A65



4A4F4F



CFCFCF



4F4F4F

Same Dimension

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



63787A



7A9B9E



636D7A



373D3D



00727D



00E6FC

Inverse Universe

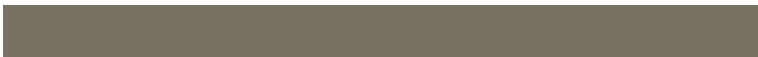
The Inverse Universe completely reimagines the original color for something new.



7A6378



9E7A9B



7A7063



3D373D



7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 63787A looks on a white background.

Color Contrast Check

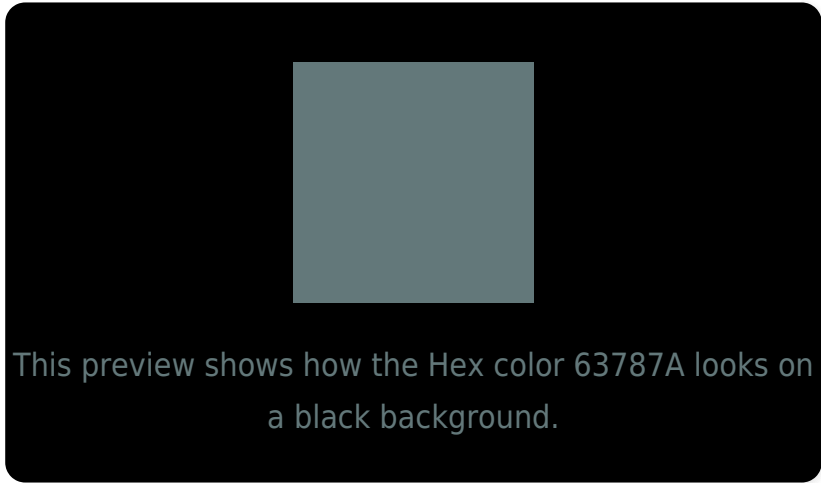
Large Text (above 18pt) WCAG AA ✓ Pass

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

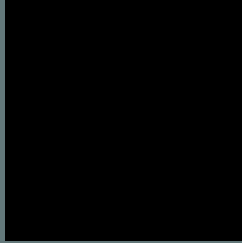
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

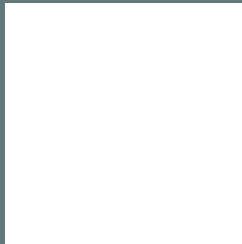
Any Text WCAG AAA × Fail

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

Hex 63787A Background



This preview shows how black text looks on a background with the Hex color 63787A.

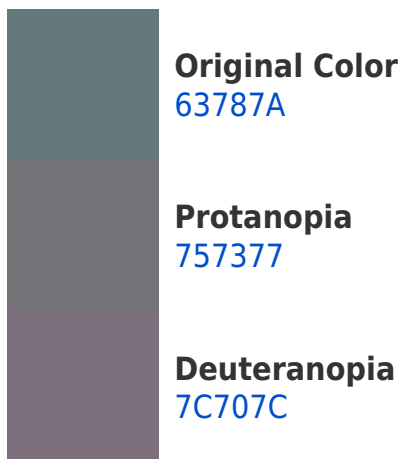


This preview shows how white text looks on a background with the Hex color 63787A.

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](#).

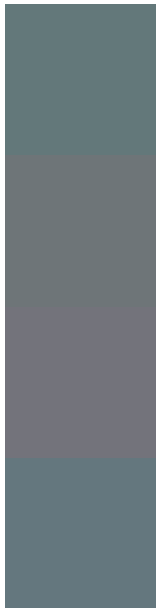
Dichromacy





Tritanopia
647780

Trichromacy



Original Color
63787A

Protanomaly
6E7578

Deuteranomaly
73737B

Tritanomaly
64777E

Monochromacy



Original Color
63787A

Achromatopsia
727272

Achromatomaly
6D7475

CSS Examples

Text

The CSS property to change the color of the text to Hex 63787A 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 #63787A looks like.

```
.text, #text, p{  
    color:#63787A  
}
```

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 #63787A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63787A
}
```

Border

The CSS property to change the border of an element to Hex 63787A 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
#63787A }
```

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

```
.border{ border-color:#63787A }
```

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

Here you see how a box with a 4 pixel #63787A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63787A; -webkit-box-shadow:4px 4px  
4px 4px #63787A; box-shadow:4px 4px 4px  
4px #63787A }
```

Background

The CSS property to change the background color of an element to Hex 63787A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63787A }
```

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

```
.background{ background-color:#63787A }
```

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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