

Converting Colors

Hex(686A7B)

Have a look what the booklet for
Hex(686A7B) contains.

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Color

Hex(686A7B)

Conversions

Conversions Part 1

Format	Color
Hex	686A7B
RGB	104, 106, 123
RGB Percent	41%, 42%, 48%
CMY	0.5922, 0.5843, 0.5176
CMYK	0.15, 0.14, 0.00, 0.52
HSL	234°, 8%, 45%
HSV	234°, 15%, 48%
XYZ	14.4381, 14.6812, 20.8117
YIQ	107.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

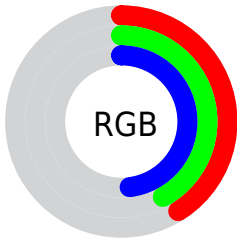
Format	Color
RYB	104, 106, 123
Decimal	6843003
CIELab	45.19, 3.02, -9.70
CIELCh	45, 10.157, 287.270
Yxy	14.6812, 0.2892, 0.2940
Android (android.graphics.Color)	4285033083 (0xFF686A7B)
YUV	107.3400, 7.7204, -2.9292
Hunter-Lab	38.3160, 0.2086, -5.3826

Details

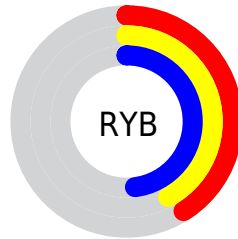
The Hex color **686A7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7968**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9B9DAF**, and **393B4A** is the 20% darker color. If you saturate the color by 10%, you get **5C5F7B**, and if you desaturate by 10%, it is **74757B**.

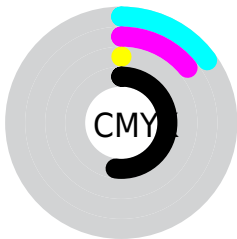
Distribution



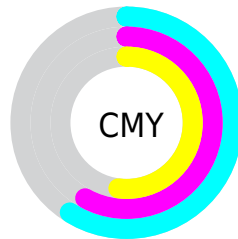
- Red (41%)
- Green (42%)
- Blue (48%)



- Red (41%)
- Yellow (42%)
- Blue (48%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686A7B 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 686A7B by changing the saturation by 10% instead.



686A7B



686A7B

FFFFFF



505262



9B9DAF



393B4A



B6B8CB



232534



D2D4E7



0E101F



EEF0FF



000003



000000



686A7B



686A7B



5C5F7B



74757B



4F547B



81807B

43497B

8D8B7B

373E7B

99967B

2A337B

A6A17B

1E287B

B2AC7B

121D7B

BEB77B

06127B

CAC27B

000D7B

D7CD7B

Harmonies

Analogous

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



5E6D7B



686A7B



726776

Triad

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



686A7B



7B675F



5A7067

Complementary

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



686A7B



7B7968

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.



636E5F



686A7B



75695B

Square

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



686A7B



7D6566



6D6C5B



557070

Rectangle

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



686A7B



786672



6D6C5B



5D6F64

Sweetspot

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



686A7B



9999A1



687B79



4D4D52



D1D1D1



525252

Same Dimension

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



686A7B



8285A1



6F687B



37383D



000D7D



001BFC

Inverse Universe

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



7B686A



A18285



747B68



3D3738



7D000D



FC001B

Previews

White Background



This preview shows how the Hex color 686A7B looks on a white background.

Color Contrast Check

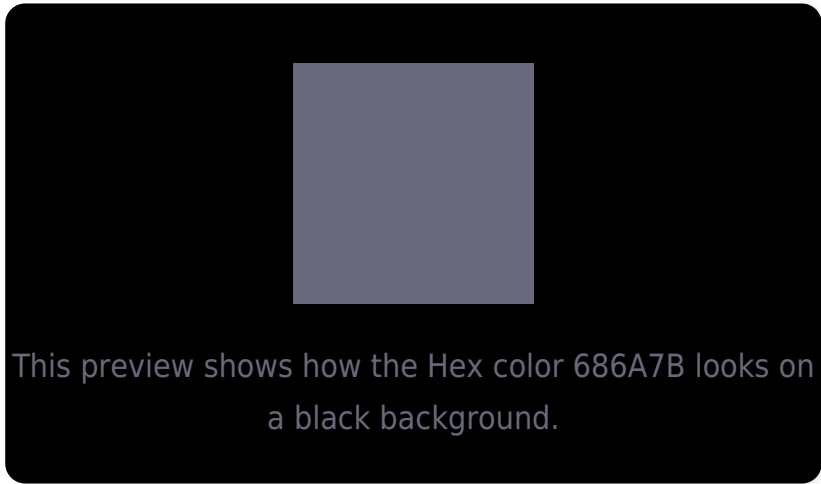
Large Text (above 18pt) WCAG AA ✓ Pass

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

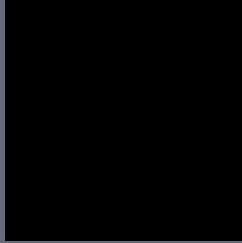
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

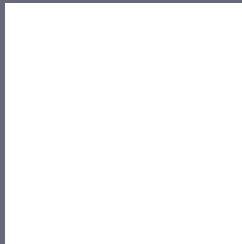
Any Text WCAG AAA × Fail

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

Hex 686A7B Background



This preview shows how black text looks on a background with the Hex color 686A7B.



This preview shows how white text looks on a background with the Hex color 686A7B.

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

686A7B

Protanopia

686A7B

Deuteranopia

6D687B



Tritanopia
676B74

Trichromacy



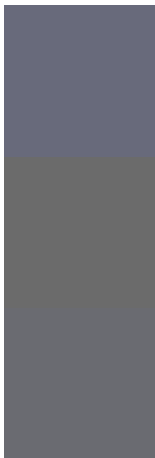
Original Color
686A7B

Protanomaly
686A7B

Deuteranomaly
6B697B

Tritanomaly
676B77

Monochromacy



Original Color
686A7B

Achromatopsia
6B6B6B

Achromatomaly
6A6B71

CSS Examples

Text

The CSS property to change the color of the text to Hex 686A7B 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 #686A7B looks like.

```
.text, #text, p{  
    color:#686A7B  
}
```

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 #686A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686A7B
}
```

Border

The CSS property to change the border of an element to Hex 686A7B 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
#686A7B }
```

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

```
.border{ border-color:#686A7B }
```

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

Here you see how a box with a 4 pixel #686A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686A7B; -webkit-box-shadow:4px 4px  
4px 4px #686A7B; box-shadow:4px 4px 4px  
4px #686A7B }
```

Background

The CSS property to change the background color of an element to Hex 686A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686A7B }
```

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

```
.background{ background-color:#686A7B }
```

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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