

Converting Colors

Hex(686B6E)

Have a look what the booklet for
Hex(686B6E) contains.

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Color

Hex(686B6E)

Conversions

Conversions Part 1

Format	Color
Hex	686B6E
RGB	104, 107, 110
RGB Percent	41%, 42%, 43%
CMY	0.5922, 0.5804, 0.5686
CMYK	0.05, 0.03, 0.00, 0.57
HSL	210°, 3%, 42%
HSV	210°, 5%, 43%
XYZ	13.7811, 14.5842, 16.8405
YIQ	106.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

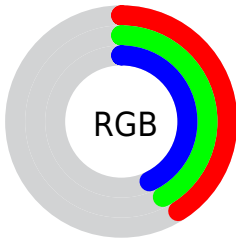
Format	Color
RYB	104, 106, 110
Decimal	6843246
CIELab	45.06, -0.51, -2.08
CIElCh	45, 2.144, 256.175
Yxy	14.5842, 0.3049, 0.3226
Android (android.graphics.Color)	4285033326 (0xFF686B6E)
YUV	106.4450, 1.7526, -2.1443
Hunter-Lab	38.1893, -2.4174, 0.5871

Details

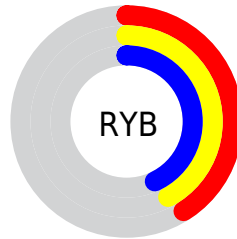
The Hex color **686B6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6B68**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9B9EA2**, and **393C3F** is the 20% darker color. If you saturate the color by 10%, you get **5D666E**, and if you desaturate by 10%, it is **73716E**.

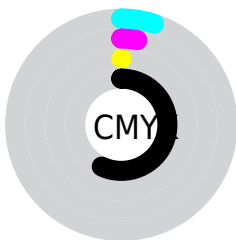
Distribution



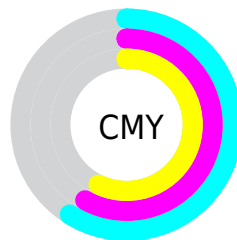
- Red (41%)
- Green (42%)
- Blue (43%)



- Red (41%)
- Yellow (42%)
- Blue (43%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686B6E 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 686B6E by changing the saturation by 10% instead.



686B6E



686B6E

FFFFFF



505356



9B9EA2



393C3F



B6B9BD



242629



D2D5D8



0E1114



EEF1F5



000000



686B6E



686B6E



5D666E



73716E



52606E



7E766E



475B6E



897C6E

■ 3C556E

■ 94816E

■ 31506E

■ 9F876E

■ 264A6E

■ AA8C6E

■ 1B456E

■ B5926E

■ 103F6E

■ C0976E

■ 053A6E

■ CB9C6E

Harmonies

Analogous

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



676B6D



686B6E



6A6A6E

Triad

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



686B6E



6F696A



696B68

Complementary

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



686B6E



6E6B68

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.



6B6B67



686B6E



6E6A68

Square

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



686B6E



6E6A6B



6D6A67



676C6A

Rectangle

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



686B6E



6B6A6D



6D6A67



6A6B68

Sweetspot

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



686B6E



8C8D8F



686E6B



464747



C7C7C7



474747

Same Dimension

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



686B6E



858A8F



68686E



343638



003C78



007CF7

Inverse Universe

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



6E686B



8F858A



6E6E68



383436



78003C



F7007C

Previews

White Background



This preview shows how the Hex color 686B6E looks on a white background.

Color Contrast Check

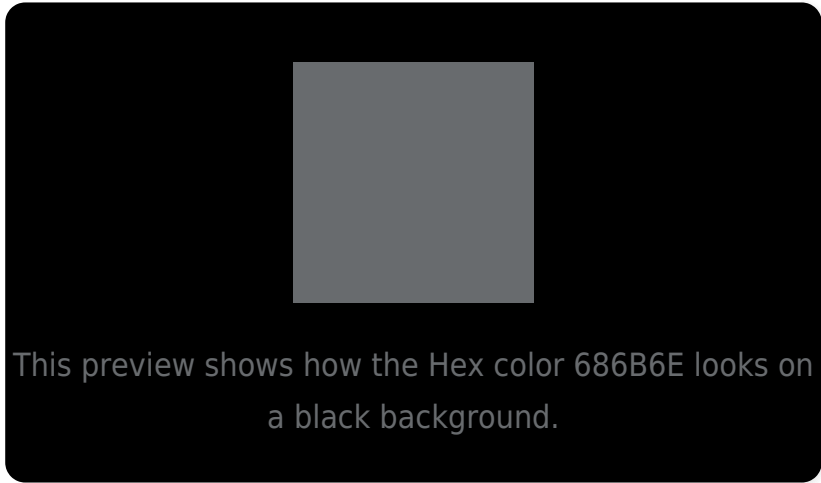
Large Text (above 18pt) WCAG AA ✓ Pass

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

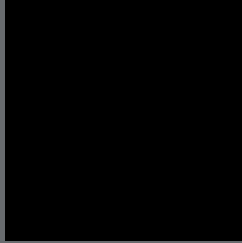
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

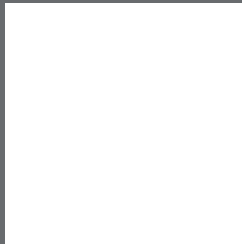
Any Text WCAG AAA × Fail

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

Hex 686B6E Background



This preview shows how black text looks on a background with the Hex color 686B6E.



This preview shows how white text looks on a background with the Hex color 686B6E.

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

686B6E

Protanopia

6C6A6D

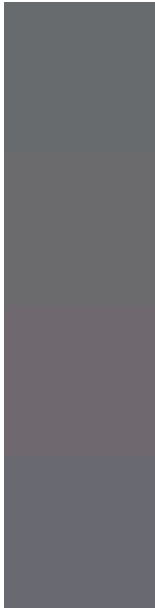
Deuteranopia

73676F



Tritanopia
696A73

Trichromacy



Original Color
686B6E

Protanomaly
6B6A6D

Deuteranomaly
6F686F

Tritanomaly
696A71

Monochromacy



Original Color
686B6E

Achromatopsia
6A6A6A

Achromatomaly
696A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 686B6E 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 #686B6E looks like.

```
.text, #text, p{  
    color:#686B6E  
}
```

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 #686B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B6E
}
```

Border

The CSS property to change the border of an element to Hex 686B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

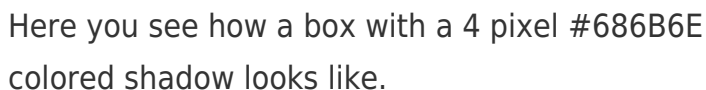
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686B6E }
```

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

```
.border{ border-color:#686B6E }
```

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



Here you see how a box with a 4 pixel #686B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B6E; -webkit-box-shadow:4px 4px  
4px 4px #686B6E; box-shadow:4px 4px 4px  
4px #686B6E }
```

Background

The CSS property to change the background color of an element to Hex 686B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B6E }
```

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

```
.background{ background-color:#686B6E }
```

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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