

Converting Colors

Hex(686E6E)

Have a look what the booklet for
Hex(686E6E) contains.

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Color

Hex(686E6E)

Conversions

Conversions Part 1

Format	Color
Hex	686E6E
RGB	104, 110, 110
RGB Percent	41%, 43%, 43%
CMY	0.5922, 0.5686, 0.5686
CMYK	0.05, 0.00, 0.00, 0.57
HSL	180°, 3%, 42%
HSV	180°, 5%, 43%
XYZ	14.0993, 15.2207, 16.9466
YIQ	108.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

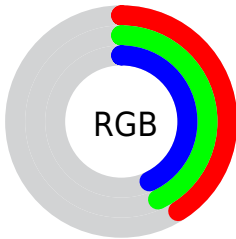
Format	Color
R_{YB}	104, 107, 110
Decimal	6844014
CIE _{Lab}	45.94, -2.28, -0.80
CIE _{LCh}	46, 2.415, 199.268
Yxy	15.2207, 0.3047, 0.3290
Android (android.graphics.Color)	4285034094 (0xFF686E6E)
YUV	108.2060, 0.8844, -3.6887
Hunter-Lab	39.0137, -3.7652, 1.5555

Details

The Hex color **686E6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6868**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9BA2A2**, and **393F3F** is the 20% darker color. If you saturate the color by 10%, you get **5D6E6E**, and if you desaturate by 10%, it is **736E6E**.

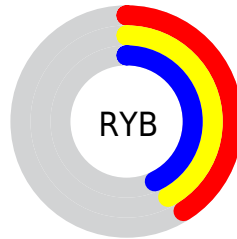
Distribution



Red (41%)

Green (43%)

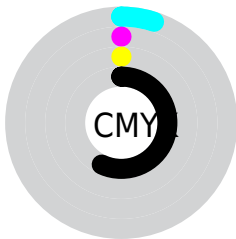
Blue (43%)



Red (41%)

Yellow (42%)

Blue (43%)

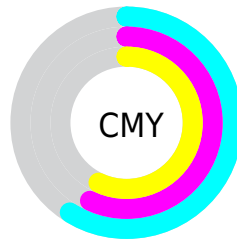


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (57%)



Cyan (59%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686E6E 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 686E6E by changing the saturation by 10% instead.



686E6E



686E6E

FFFFFF



505656



9BA2A2



393F3F



B6BDBD



242929



D2D8D8



0E1414



EEF5F5



000000



686E6E



686E6E



5D6E6E



736E6E



526E6E



7E6E6E



476E6E



896E6E

■ 3C6E6E

■ 946E6E

■ 316E6E

■ 9F6E6E

■ 266E6E

■ AA6E6E

■ 1B6E6E

■ B56E6E

■ 106E6E

■ C06E6E

■ 056E6E

■ CB6E6E

Harmonies

Analogous

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



696E6C



686E6E



686E70

Triad

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



686E6E



6F6C6F



6F6C69

Complementary

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



686E6E



6E6868

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.



716C6A



686E6E



716C6E

Square

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



686E6E



6C6C71



716B6C



6D6D69

Rectangle

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



686E6E



696D70



716B6C



706C69

Sweetspot

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



686E6E



8C8F8F



686E68



464747



C7C7C7



474747

Same Dimension

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



686E6E



858F8F



686B6E



343838



007878



00F7F7

Inverse Universe

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



6E686E



8F858F



6E6B68



383438



780078



F700F7

Previews

White Background



This preview shows how the Hex color 686E6E looks on a white background.

Color Contrast Check

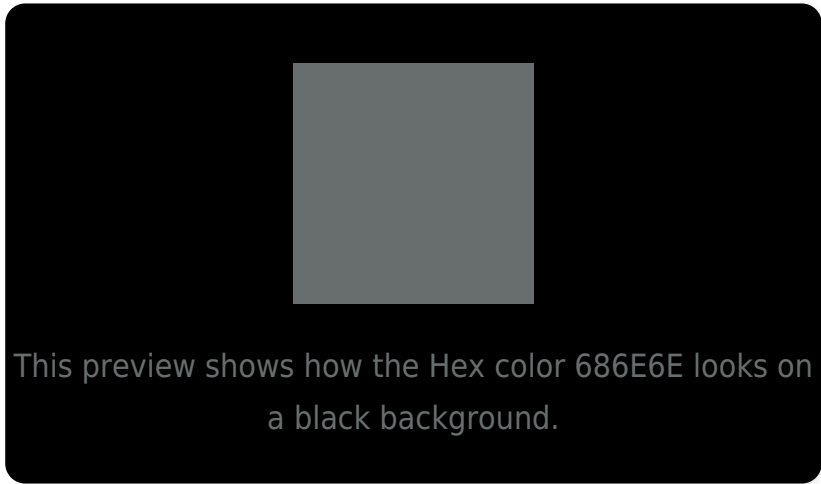
Large Text (above 18pt) WCAG AA ✓ Pass

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

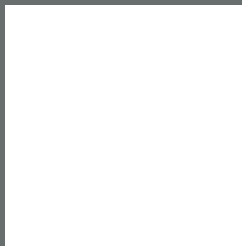
Any Text WCAG AAA × Fail

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

Hex 686E6E Background



This preview shows how black text looks on a background with the Hex color 686E6E.



This preview shows how white text looks on a background with the Hex color 686E6E.

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
686E6E

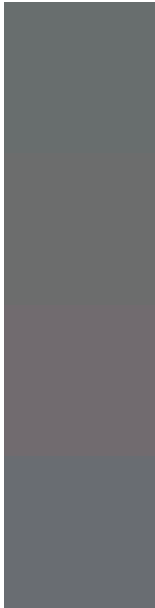
Protanopia
6E6C6D

Deuteranopia
76696F



Tritanopia
696D75

Trichromacy



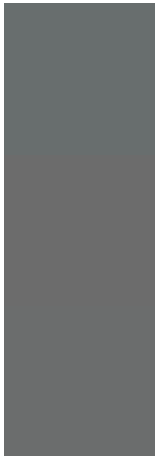
Original Color
686E6E

Protanomaly
6C6D6D

Deuteranomaly
716B6F

Tritanomaly
696D72

Monochromacy



Original Color
686E6E

Achromatopsia
6C6C6C

Achromatomaly
6B6D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 686E6E 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 #686E6E looks like.

```
.text, #text, p{  
    color:#686E6E  
}
```

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 #686E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686E6E
}
```

Border

The CSS property to change the border of an element to Hex 686E6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

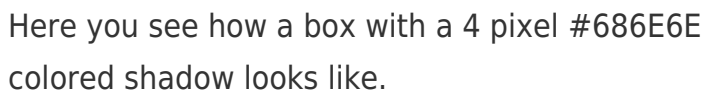
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686E6E }
```

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

```
.border{ border-color:#686E6E }
```

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



Here you see how a box with a 4 pixel #686E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686E6E; -webkit-box-shadow:4px 4px  
4px 4px #686E6E; box-shadow:4px 4px 4px  
4px #686E6E }
```

Background

The CSS property to change the background color of an element to Hex 686E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686E6E }
```

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

```
.background{ background-color:#686E6E }
```

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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