

Converting Colors

Hex(686C81)

Have a look what the booklet for
Hex(686C81) contains.

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Color

Hex(686C81)

Conversions

Conversions Part 1

Format	Color
Hex	686C81
RGB	104, 108, 129
RGB Percent	41%, 42%, 51%
CMY	0.5922, 0.5765, 0.4941
CMYK	0.19, 0.16, 0.00, 0.49
HSL	230°, 11%, 46%
HSV	230°, 19%, 51%
XYZ	15.0339, 15.2532, 22.9207
YIQ	109.1980, -9.1250, 5.6830

Conversions

Conversions Part 2

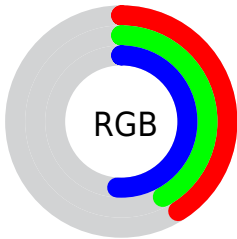
Format	Color
R_{YB}	104, 107, 129
Decimal	6843521
CIE _{Lab}	45.98, 3.25, -12.11
CIE _{LCh}	46, 12.543, 285.036
Yxy	15.2532, 0.2826, 0.2867
Android (android.graphics.Color)	4285033601 (0xFF686C81)
YUV	109.1980, 9.7624, -4.5586
Hunter-Lab	39.0553, 0.3650, -7.4572

Details

The Hex color **686C81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **817D68**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9B9FB6**, and **383D50** is the 20% darker color. If you saturate the color by 10%, you get **5B6181**, and if you desaturate by 10%, it is **757781**.

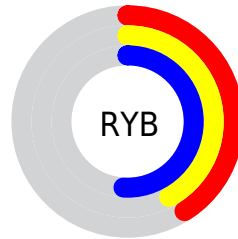
Distribution



Red (41%)

Green (42%)

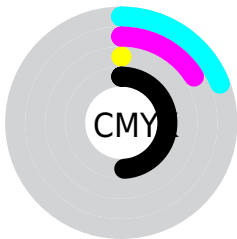
Blue (51%)



Red (41%)

Yellow (42%)

Blue (51%)

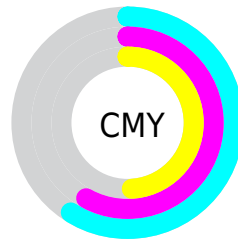


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (49%)



Cyan (59%)

Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686C81 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 686C81 by changing the saturation by 10% instead.



686C81



686C81

FFFFFF



505468



9B9FB6



383D50



B6BAD1



222739



D2D6EE



0E1223



EEF2FF



00000C



000000



686C81



686C81



5B6181



757781



4E5681



828281

■ 414B81

■ 8F8D81

■ 344181

■ 9C9781

■ 273681

■ A9A281

■ 1B2B81

■ B5AD81

■ 0E2081

■ C2B881

■ 011581

■ CFC381

■ 001581

■ DCCE81

Harmonies

Analogous

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



5B6F81



686C81



75697C

Triad

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



686C81



81675E



597367

Complementary

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



686C81



817D68

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.



64715E



686C81



7A6A59

Square

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



686C81



836668



706E59



527372

Rectangle

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



686C81



7C6776



706E59



5C7264

Sweetspot

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



686C81



9EA0A8



68817D



4E4F54



D4D4D4



545454

Same Dimension

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



686C81



8288A8



706881



393A40



001480



000000

Inverse Universe

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



81686C



A88288



798168



40393A



800014



000000

Previews

White Background



This preview shows how the Hex color 686C81 looks on a white background.

Color Contrast Check

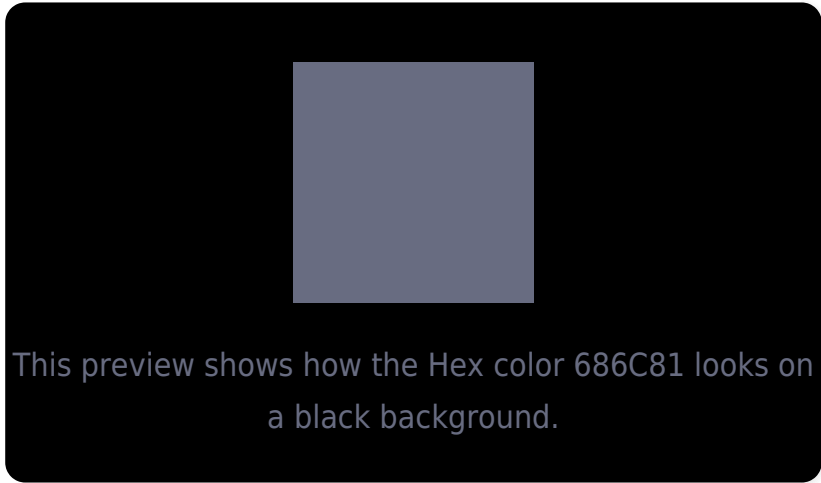
Large Text (above 18pt) WCAG AA ✓ Pass

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

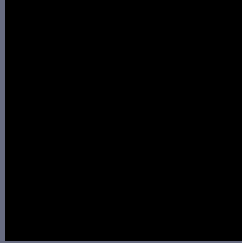
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

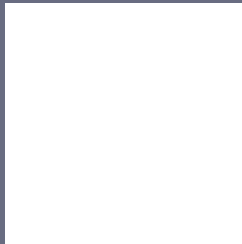
Any Text WCAG AAA × Fail

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

Hex 686C81 Background



This preview shows how black text looks on a background with the Hex color 686C81.



This preview shows how white text looks on a background with the Hex color 686C81.

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

686C81

Protanopia

696C81

Deuteranopia

6D6A81



Tritanopia
666E77

Trichromacy



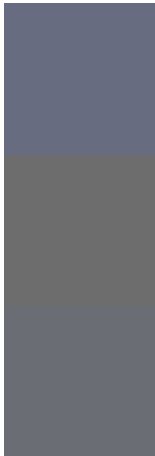
Original Color
686C81

Protanomaly
696C81

Deuteranomaly
6B6B81

Tritanomaly
676D7B

Monochromacy



Original Color
686C81

Achromatopsia
6D6D6D

Achromatomaly
6B6D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 686C81 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 #686C81 looks like.

```
.text, #text, p{  
    color:#686C81  
}
```

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 #686C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686C81
}
```

Border

The CSS property to change the border of an element to Hex 686C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

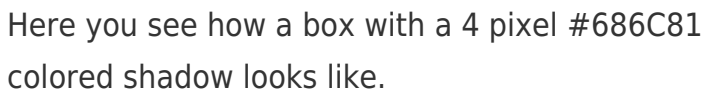
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686C81 }
```

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

```
.border{ border-color:#686C81 }
```

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



Here you see how a box with a 4 pixel #686C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686C81; -webkit-box-shadow:4px 4px  
4px 4px #686C81; box-shadow:4px 4px 4px  
4px #686C81 }
```

Background

The CSS property to change the background color of an element to Hex 686C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686C81 }
```

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

```
.background{ background-color:#686C81 }
```

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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