

Converting Colors

Hex(4C686C)

Have a look what the booklet for
Hex(4C686C) contains.

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Color

Hex(4C686C)

Conversions

Conversions Part 1

Format	Color
Hex	4C686C
RGB	76, 104, 108
RGB Percent	30%, 41%, 42%
CMY	0.7020, 0.5922, 0.5765
CMYK	0.30, 0.04, 0.00, 0.58
HSL	188°, 17%, 36%
HSV	188°, 30%, 42%
XYZ	10.6376, 12.5198, 16.0433
YIQ	96.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

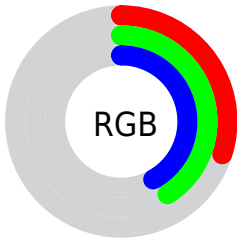
Format	Color
R_{YB}	76, 91, 108
Decimal	5007468
CIE Lab	42.03, -9.18, -5.58
CIE LCh	42, 10.740, 211.314
Yxy	12.5198, 0.2714, 0.3194
Android (android.graphics.Color)	4283197548 (0xFF4C686C)
YUV	96.0840, 5.8746, -17.6137
Hunter-Lab	35.3834, -8.2571, -2.1145

Details

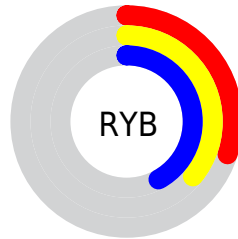
The Hex color **4C686C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C504C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7E9B9F**, and **1E393D** is the 20% darker color. If you saturate the color by 10%, you get **41676C**, and if you desaturate by 10%, it is **57696C**.

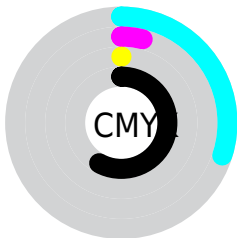
Distribution



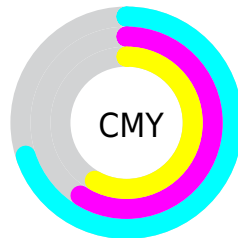
- Red (30%)
- Green (41%)
- Blue (42%)



- Red (30%)
- Yellow (36%)
- Blue (42%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C686C 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 4C686C by changing the saturation by 10% instead.



4C686C



4C686C

FFFFFF



345054



7E9B9F



1E393D



98B6BA



062327



B3D2D6



000E12



CFEEF2



000000



EBFFFF



4C686C



4C686C



41676C



57696C



36656C



626B6C

■ 2C646C

■ 6C6C6C

■ 21636C

■ 776D6C

■ 16616C

■ 826F6C

■ 0B606C

■ 8D706C

■ 005F6C

■ 98716C

■ A2736C

■ AD746C

Harmonies

Analogous

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



4E6863



4C686C



506672

Triad

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



4C686C



6F5E6C



6A6352

Complementary

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



4C686C



6C504C

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.



726054



4C686C



755D63

Square

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



4C686C



656172



765E5A



606554

Rectangle

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



4C686C



566574



765E5A



6D6252

Sweetspot

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



4C686C



808B8C



4C6C50



404647



C7C7C7



474747

Same Dimension

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



4C686C



5A868C



4C586C



303536



006775



00D6F5

Inverse Universe

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



6C4C68



8C5A86



6C604C



363035



750067



F500D6

Previews

White Background



This preview shows how the Hex color 4C686C looks on a white background.

Color Contrast Check

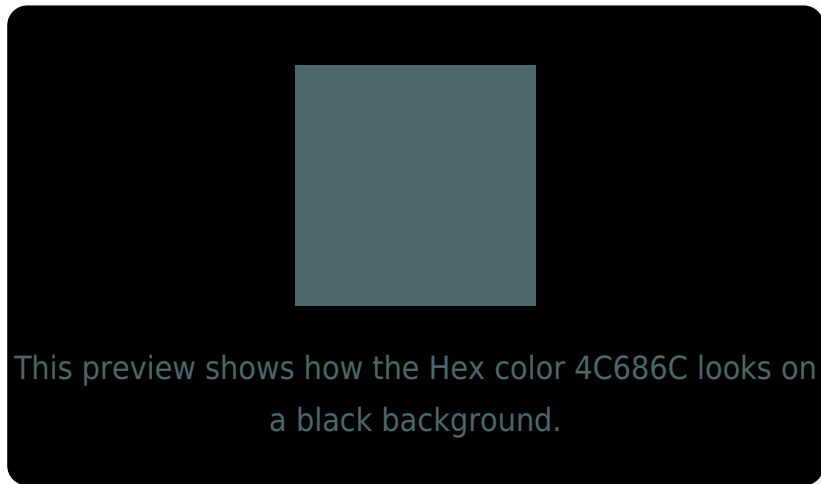
Large Text (above 18pt) WCAG AA ✓ Pass

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

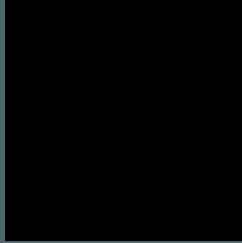
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

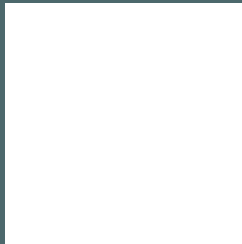
Any Text WCAG AAA × Fail

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

Hex 4C686C Background



This preview shows how black text looks on a background with the Hex color 4C686C.

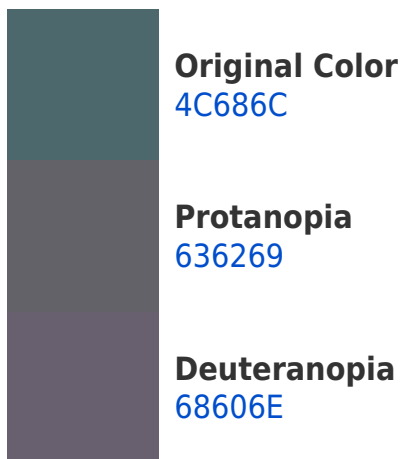


This preview shows how white text looks on a background with the Hex color 4C686C.

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
4D6770

Trichromacy



Original Color
4C686C

Protanomaly
5B646A

Deuteranomaly
5E636D

Tritanomaly
4D676F

Monochromacy



Original Color
4C686C

Achromatopsia
606060

Achromatomaly
596364

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C686C 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 #4C686C looks like.

```
.text, #text, p{  
    color:#4C686C  
}
```

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 #4C686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C686C
}
```

Border

The CSS property to change the border of an element to Hex 4C686C 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
#4C686C }
```

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

```
.border{ border-color:#4C686C }
```

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

Here you see how a box with a 4 pixel #4C686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C686C; -webkit-box-shadow:4px 4px  
4px 4px #4C686C; box-shadow:4px 4px 4px  
4px #4C686C }
```

Background

The CSS property to change the background color of an element to Hex 4C686C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C686C }
```

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

```
.background{ background-color:#4C686C }
```

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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