

Converting Colors

Hex(4C476C)

Have a look what the booklet for
Hex(4C476C) contains.

Hex(4C476C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C476C)

Conversions

Conversions Part 1

Format	Color
Hex	4C476C
RGB	76, 71, 108
RGB Percent	30%, 28%, 42%
CMY	0.7020, 0.7216, 0.5765
CMYK	0.30, 0.34, 0.00, 0.58
HSL	248°, 21%, 35%
HSV	248°, 34%, 42%
XYZ	7.9405, 7.1257, 15.1442
YIQ	76.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

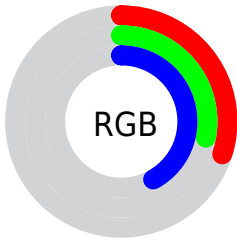
Format	Color
R _Y B	76, 71, 108
Decimal	4999020
CIE Lab	32.09, 11.29, -20.71
CIE LCh	32, 23.584, 298.595
Yxy	7.1257, 0.2628, 0.2359
Android (android.graphics.Color)	4283189100 (0xFF4C476C)
YUV	76.7130, 15.4245, -0.6253
Hunter-Lab	26.6940, 6.3829, -14.9511

Details

The Hex color **4C476C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **676C47**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7E77A0**, and **1E1C3C** is the 20% darker color. If you saturate the color by 10%, you get **433C6C**, and if you desaturate by 10%, it is **55526C**.

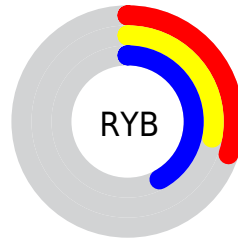
Distribution



 Red (30%)

 Green (28%)

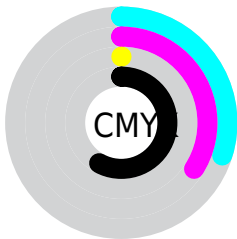
 Blue (42%)



 Red (30%)

 Yellow (28%)

 Blue (42%)

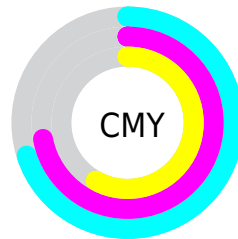


 Cyan (30%)

 Magenta (34%)

 Yellow (0%)

 Black (58%)



 Cyan (70%)

 Magenta (72%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C476C 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 4C476C by changing the saturation by 10% instead.



4C476C



4C476C

FFFFFF



343154



7E77A0



1E1C3C



9891BB



0A0127



B3ACD6



000110



CFC7F3



000000



EBE3FF



4C476C



4C476C



433C6C



55526C



39316C



5F5D6C

■ 30276C

■ 68676C

■ 271C6C

■ 71726C

■ 1D116C

■ 7B7D6C

■ 14066C

■ 84886C

■ 0F006C

■ 8D936C

■ 979D6C

■ A0A86C

Harmonies

Analogous

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



2D4E70



4C476C



62405F

Triad

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



4C476C



67442C



10554A

Complementary

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



4C476C



676C47

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.



2F5338



4C476C



584A26

Square

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



4C476C



6F3E3B



45502A



00555D

Rectangle

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



4C476C



6B3D53



45502A



1C5544

Sweetspot

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



4C476C



807E8C



47676C



403F47



C7C7C7



474747

Same Dimension

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



4C476C



5B538C



5E476C



313036



100075



2100F5

Inverse Universe

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



6C4767



8C5384



556C47



363035



750065



F500D4

Previews

White Background



This preview shows how the Hex color 4C476C looks on a white background.

Color Contrast Check

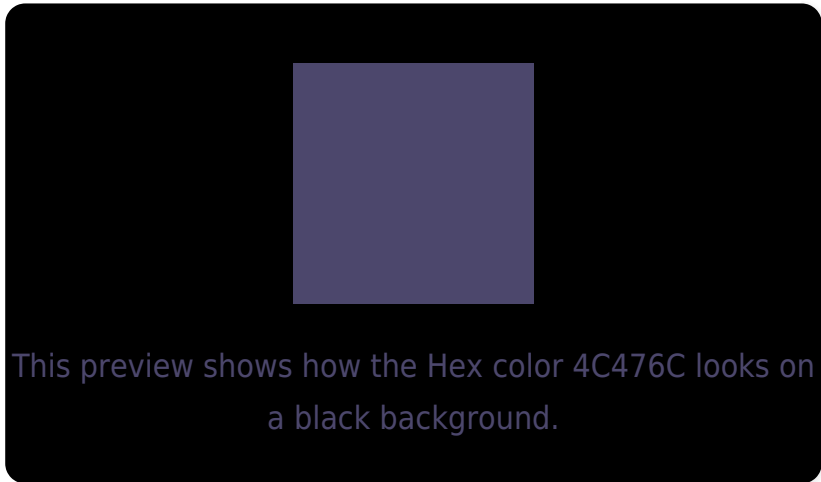
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

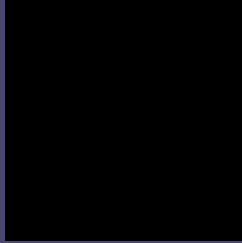
Any Text WCAG AA × Fail

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 4C476C Background



This preview shows how black text looks on a background with the Hex color 4C476C.

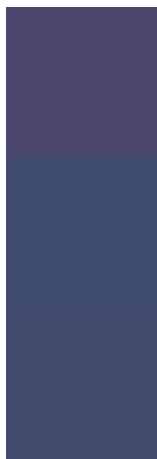


This preview shows how white text looks on a background with the Hex color 4C476C.

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

4C476C

Protanopia

3F4A6F

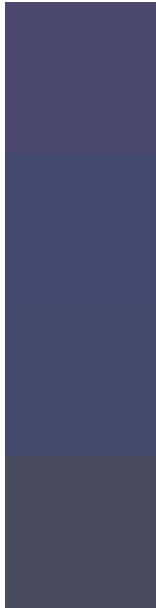
Deuteranopia

404B6B



Tritanopia
474C52

Trichromacy



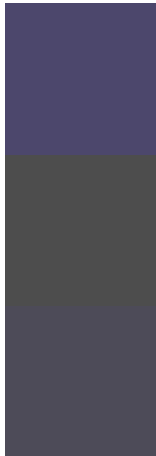
Original Color
4C476C

Protanomaly
44496E

Deuteranomaly
444A6B

Tritanomaly
494A5B

Monochromacy



Original Color
4C476C

Achromatopsia
4D4D4D

Achromatomaly
4D4B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C476C 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 #4C476C looks like.

```
.text, #text, p{  
    color:#4C476C  
}
```

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 #4C476C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C476C  
}
```

Border

The CSS property to change the border of an element to Hex 4C476C is called "border". The border property can be set on classes, ids or directly on the HTML element.

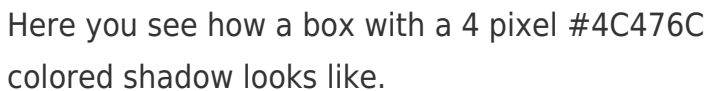
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C476C }
```

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

```
.border{ border-color:#4C476C }
```

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



Here you see how a box with a 4 pixel #4C476C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C476C; -webkit-box-shadow:4px 4px  
4px 4px #4C476C; box-shadow:4px 4px 4px  
4px #4C476C }
```

Background

The CSS property to change the background color of an element to Hex 4C476C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C476C }
```

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

```
.background{ background-color:#4C476C }
```

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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