

# Converting Colors

Hex(4D476C)

Have a look what the booklet for  
Hex(4D476C) contains.

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# Color

Hex(4D476C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D476C
RGB	77, 71, 108
RGB Percent	30%, 28%, 42%
CMY	0.6980, 0.7216, 0.5765
CMYK	0.29, 0.34, 0.00, 0.58
HSL	250°, 21%, 35%
HSV	250°, 34%, 42%
XYZ	8.0206, 7.1670, 15.1480
YIQ	77.0120, -8.3010, 12.7790

# Conversions

## Conversions Part 2

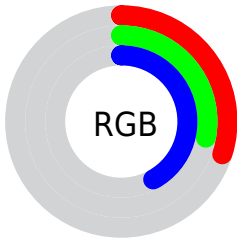
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 71, 108
Decimal	5064556
CIE <sub>Lab</sub>	32.18, 11.62, -20.56
CIE <sub>LCh</sub>	32, 23.614, 299.480
Yxy	7.1670, 0.2644, 0.2363
Android (android.graphics.Color)	4283254636 (0xFF4D476C)
YUV	77.0120, 15.2771, -0.0105
Hunter-Lab	26.7712, 6.6286, -14.8083

# Details

The Hex color **4D476C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **666C47**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7F77A0**, and **1F1C3C** is the 20% darker color. If you saturate the color by 10%, you get **443C6C**, and if you desaturate by 10%, it is **56526C**.

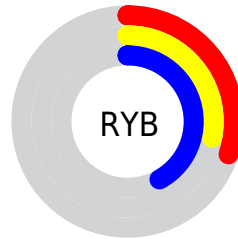
# Distribution



Red (30%)

Green (28%)

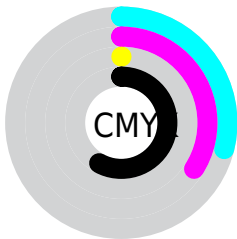
Blue (42%)



Red (30%)

Yellow (28%)

Blue (42%)

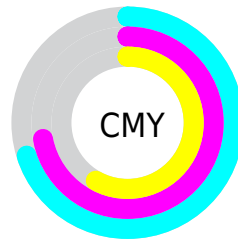


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (58%)



Cyan (70%)

Magenta (72%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D476C 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 4D476C by changing the saturation by 10% instead.



■ 4D476C

■ 4D476C

FFFFFF

■ 353154

■ 7F77A0

■ 1F1C3C

■ 9991BB

■ 0B0127

■ B4ACD6

■ 000110

■ D0C7F3

■ 000000

■ ECE3FF

■ 4D476C

■ 4D476C

■ 443C6C

■ 56526C

■ 3B316C

■ 5F5D6C

■ 32276C

■ 68676C

■ 291C6C

■ 71726C

■ 20116C

■ 7A7D6C

■ 17066C

■ 83886C

■ 12006C

■ 8C936C

■ 959D6C

■ 9EA86C

# Harmonies

## Analogous

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



2E4E71



4D476C



63405F

# Triad

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



4D476C



67442C



0F554B

# Complementary

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



4D476C



666C47

# 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.



2E5438



4D476C



584B26

# Square

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



4D476C



6F3E3A



45502B



00555D

# Rectangle

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



4D476C



6B3E53



45502B



1C5544



# Sweetspot

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



4D476C



807E8C



47666C



403F47



C7C7C7



474747



# Same Dimension

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



4D476C



5C538C



5F476C



313036



130075



2800F5



# Inverse Universe

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



6C4766



8C5383



546C47



363035



750062



F500CD



# Previews

## White Background



This preview shows how the Hex color 4D476C 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

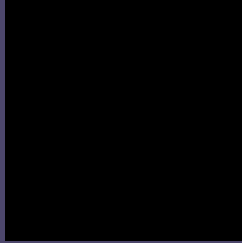
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D476C Background



This preview shows how black text looks on a background with the Hex color 4D476C.



This preview shows how white text looks on a background with the Hex color 4D476C.

# 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**  
4D476C

**Protanopia**  
404B6F

**Deuteranopia**  
404B6B



**Tritanopia**  
484C52

# Trichromacy



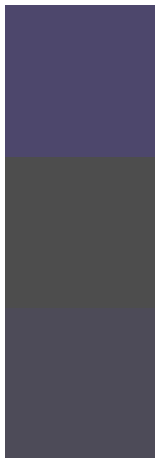
**Original Color**  
4D476C

**Protanomaly**  
454A6E

**Deuteranomaly**  
454A6B

**Tritanomaly**  
4A4A5B

# Monochromacy



**Original Color**  
4D476C

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4D4B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D476C 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 #4D476C looks like.

```
.text, #text, p{  
    color:#4D476C  
}
```

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 #4D476C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D476C
}
```

## Border

The CSS property to change the border of an element to Hex 4D476C is called "border". The border property can be set on classes, ids or directly on the HTML element.

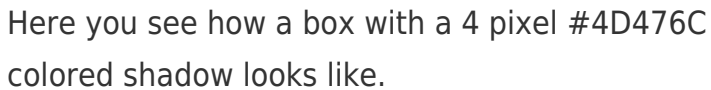
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D476C }
```

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

```
.border{ border-color:#4D476C }
```

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



Here you see how a box with a 4 pixel #4D476C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D476C; -webkit-box-shadow:4px 4px  
4px 4px #4D476C; box-shadow:4px 4px 4px  
4px #4D476C }
```

# Background

The CSS property to change the background color of an element to Hex 4D476C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D476C }
```

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

```
.background{ background-color:#4D476C }
```

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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