

# Converting Colors

Hex(4D6B6E)

Have a look what the booklet for  
Hex(4D6B6E) contains.

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# Color

**Hex(4D6B6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6B6E
RGB	77, 107, 110
RGB Percent	30%, 42%, 43%
CMY	0.6980, 0.5804, 0.5686
CMYK	0.30, 0.03, 0.00, 0.57
HSL	185°, 18%, 37%
HSV	185°, 30%, 43%
XYZ	11.1327, 13.2190, 16.7166
YIQ	98.3720, -18.8430, -5.4270

# Conversions

## Conversions Part 2

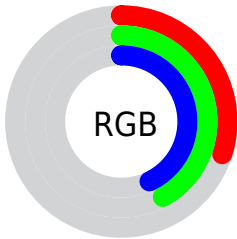
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 93, 110
Decimal	5073774
CIELab	43.09, -10.07, -5.21
CIElCh	43, 11.335, 207.370
Yxy	13.2190, 0.2711, 0.3219
Android (android.graphics.Color)	4283263854 (0xFF4D6B6E)
YUV	98.3720, 5.7326, -18.7432
Hunter-Lab	36.3579, -8.9698, -1.8098

# Details

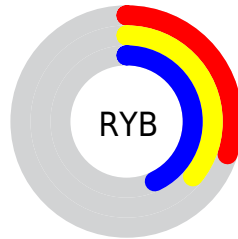
The Hex color **4D6B6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E504D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7F9EA2**, and **1E3C3F** is the 20% darker color. If you saturate the color by 10%, you get **426A6E**, and if you desaturate by 10%, it is **586C6E**.

# Distribution



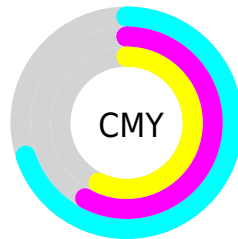
- Red (30%)
- Green (42%)
- Blue (43%)



- Red (30%)
- Yellow (36%)
- Blue (43%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (57%)



- Cyan (70%)
- Magenta (58%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6B6E 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 4D6B6E by changing the saturation by 10% instead.



■ 4D6B6E

■ 4D6B6E

FFFFFF

■ 355356

■ 7F9EA2

■ 1E3C3F

■ 99B9BD

■ 072629

■ B4D5D8

■ 001214

■ D0F1F5

■ 000000

■ EDFFFF

■ 4D6B6E

■ 4D6B6E

■ 426A6E

■ 586C6E

■ 37696E

■ 636D6E

■ 2C686E

■ 6E6E6E

■ 21676E

■ 796F6E

■ 16666E

■ 84706E

■ 0B656E

■ 8F716E

■ 00646E

■ 9A726E

■ A5736E

■ B0746E

# Harmonies

## Analogous

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



516B65



4D6B6E



516975

# Triad

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



4D6B6E



716170



6E6553

# Complementary

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



4D6B6E



6E504D

# 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.



766256



4D6B6E



785F67

# Square

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



4D6B6E



676476



79605E



646855

# Rectangle

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



4D6B6E



576878



79605E



716454



# Sweetspot

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



4D6B6E



828E8F



4D6E50



404747



C7C7C7



474747



# Same Dimension

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



4D6B6E



5B8A8F



4D5B6E



323838



006D78



00E1F7



# Inverse Universe

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



6E4D6B



8F5B8A



6E604D



383238



78006D



F700E1



# Previews

## White Background



This preview shows how the Hex color 4D6B6E looks on a white background.

## Color Contrast Check

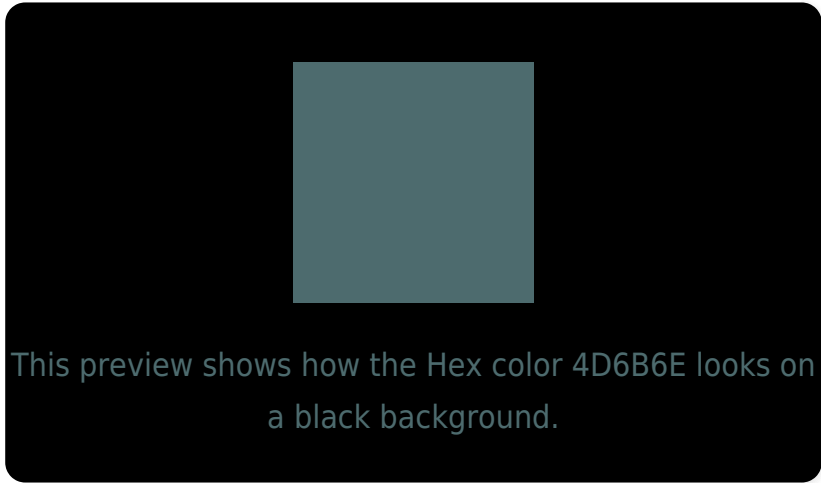
Large Text (above 18pt) WCAG AA ✓ Pass

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

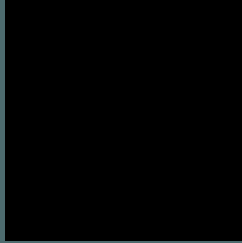
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

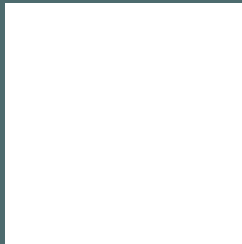
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D6B6E Background



This preview shows how black text looks on a background with the Hex color 4D6B6E.



This preview shows how white text looks on a background with the Hex color 4D6B6E.

# 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**  
4D6B6E

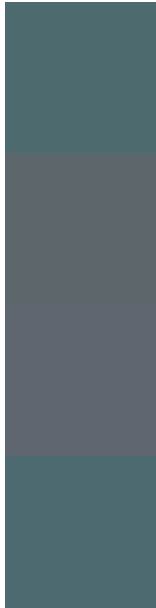
**Protanopia**  
66656A

**Deuteranopia**  
6B6370



**Tritanopia**  
4E6A73

# Trichromacy



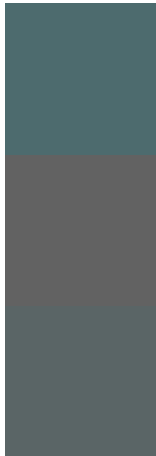
**Original Color**  
4D6B6E

**Protanomaly**  
5D676B

**Deuteranomaly**  
60666F

**Tritanomaly**  
4E6A71

# Monochromacy



**Original Color**  
4D6B6E

**Achromatopsia**  
626262

**Achromatomaly**  
5A6566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6B6E 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 #4D6B6E looks like.

```
.text, #text, p{  
    color:#4D6B6E  
}
```

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 #4D6B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6B6E
}
```

## Border

The CSS property to change the border of an element to Hex 4D6B6E 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
#4D6B6E }
```

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

```
.border{ border-color:#4D6B6E }
```

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

Here you see how a box with a 4 pixel #4D6B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6B6E; -webkit-box-shadow:4px 4px  
4px 4px #4D6B6E; box-shadow:4px 4px 4px  
4px #4D6B6E }
```

# Background

The CSS property to change the background color of an element to Hex 4D6B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6B6E }
```

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

```
.background{ background-color:#4D6B6E }
```

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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