

# Converting Colors

Hex(4D6B78)

Have a look what the booklet for  
Hex(4D6B78) contains.

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# Color

**Hex(4D6B78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D6B78
RGB	77, 107, 120
RGB Percent	30%, 42%, 47%
CMY	0.6980, 0.5804, 0.5294
CMYK	0.36, 0.11, 0.00, 0.53
HSL	198°, 22%, 39%
HSV	198°, 36%, 47%
XYZ	11.7084, 13.4492, 19.7482
YIQ	99.5120, -22.0530, -2.3170

# Conversions

## Conversions Part 2

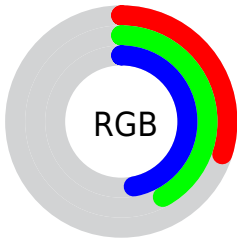
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 95, 120
Decimal	5073784
CIELab	43.43, -7.39, -10.74
CIELCh	43, 13.037, 235.470
Yxy	13.4492, 0.2607, 0.2995
Android (android.graphics.Color)	4283263864 (0xFF4D6B78)
YUV	99.5120, 10.1006, -19.7430
Hunter-Lab	36.6732, -7.1895, -6.2558

# Details

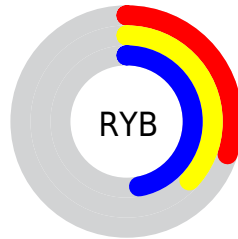
The Hex color **4D6B78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785A4D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **809EAC**, and **1D3C48** is the 20% darker color. If you saturate the color by 10%, you get **416778**, and if you desaturate by 10%, it is **596F78**.

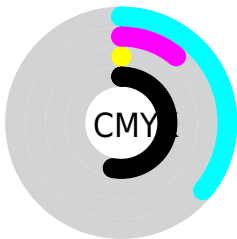
# Distribution



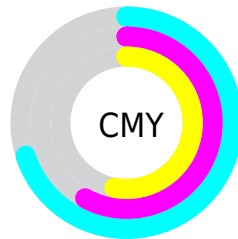
- Red (30%)
- Green (42%)
- Blue (47%)



- Red (30%)
- Yellow (37%)
- Blue (47%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (58%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6B78 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 4D6B78 by changing the saturation by 10% instead.





4D6B78



4D6B78

FFFFFF



35535F



809EAC



1D3C48



9AB9C8



042631



B5D5E4



00121C



D1F1FF



000000



EEEFFF



4D6B78



4D6B78



416778



596F78



356478



657278

■ 296078

■ 717678

■ 1D5C78

■ 7D7A78

■ 115978

■ 897D78

■ 055578

■ 958178

■ 005478

■ A18478

■ AD8878

■ B98C78

# Harmonies

## Analogous

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



496D6F



4D6B78



58687C

# Triad

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



4D6B78



7B5F69



656953

# Complementary

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



4D6B78



785A4D

# 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.



716551



4D6B78



7D5F5E

# Square

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



4D6B78



736173



796255



596B5A

# Rectangle

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



4D6B78



62667B



796255



696852



# Sweetspot

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



4D6B78



8A969C



4D785A



454C4F



CFCFCF



4F4F4F



# Same Dimension

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



4D6B78



59879C



4D5678



373B3D



00577D



00B0FC



# Inverse Universe

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



784D6B



9C5987



786F4D



3D373B



7D0057



FC00B0



# Previews

## White Background



This preview shows how the Hex color 4D6B78 looks on a white background.

## Color Contrast Check

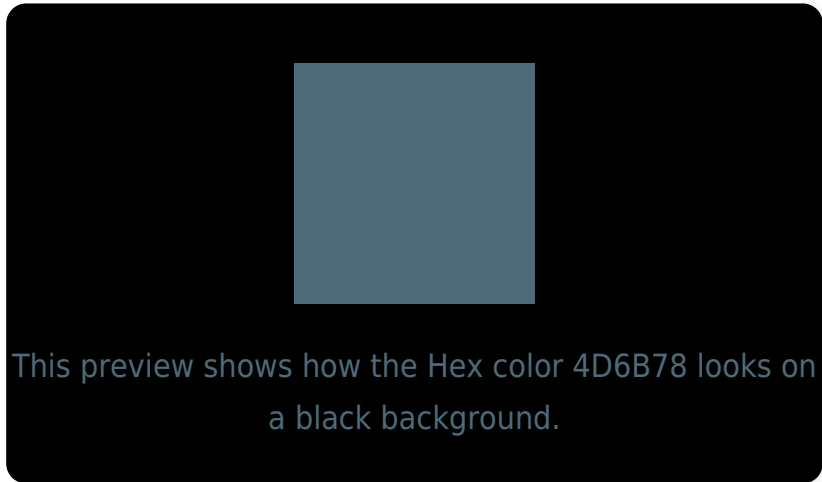
Large Text (above 18pt) WCAG AA ✓ Pass

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

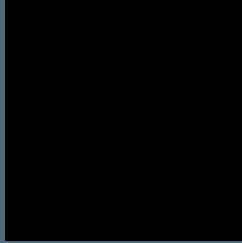
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D6B78 Background



This preview shows how black text looks on a background with the Hex color 4D6B78.



This preview shows how white text looks on a background with the Hex color 4D6B78.

# 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**  
4D6B78

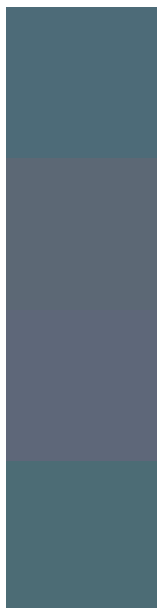
**Protanopia**  
646674

**Deuteranopia**  
676479



**Tritanopia**  
4C6C74

# Trichromacy



**Original Color**

4D6B78

**Protanomaly**

5C6875

**Deuteranomaly**

5E6779

**Tritanomaly**

4C6C75

# Monochromacy



**Original Color**

4D6B78

**Achromatopsia**

646464

**Achromatomaly**

5C676B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6B78 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 #4D6B78 looks like.

```
.text, #text, p{  
    color:#4D6B78  
}
```

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 #4D6B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6B78  
}
```

## Border

The CSS property to change the border of an element to Hex 4D6B78 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  
#4D6B78 }
```

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

```
.border{ border-color:#4D6B78 }
```

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

Here you see how a box with a 4 pixel #4D6B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6B78; -webkit-box-shadow:4px 4px  
4px 4px #4D6B78; box-shadow:4px 4px 4px  
4px #4D6B78 }
```

# Background

The CSS property to change the background color of an element to Hex 4D6B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6B78 }
```

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

```
.background{ background-color:#4D6B78 }
```

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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