

# Converting Colors

Hex(4D6C84)

Have a look what the booklet for  
Hex(4D6C84) contains.

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# Color

Hex(4D6C84)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6C84
RGB	77, 108, 132
RGB Percent	30%, 42%, 52%
CMY	0.6980, 0.5765, 0.4824
CMYK	0.42, 0.18, 0.00, 0.48
HSL	206°, 26%, 41%
HSV	206°, 42%, 52%
XYZ	12.5880, 13.9688, 23.8626
YIQ	101.4670, -26.1800, 0.8920

# Conversions

## Conversions Part 2

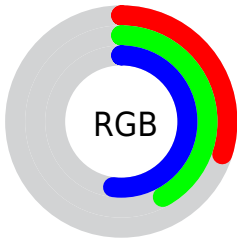
Format	Color
<b>RYB</b>	<b>77, 97, 132</b>
Decimal	5074052
CIELab	44.19, -4.57, -16.81
CIELCh	44, 17.419, 254.798
Yxy	13.9688, 0.2497, 0.2771
Android (android.graphics.Color)	4283264132 (0xFF4D6C84)
YUV	101.4670, 15.0528, -21.4576
Hunter-Lab	37.3749, -5.2868, -11.6922

# Details

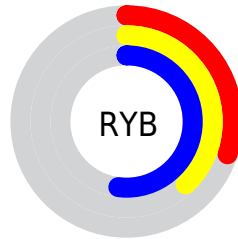
The Hex color **4D6C84** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84654D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **809FB9**, and **1B3D52** is the 20% darker color. If you saturate the color by 10%, you get **406684**, and if you desaturate by 10%, it is **5A7284**.

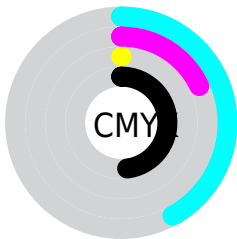
# Distribution



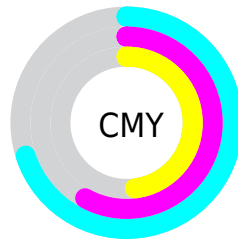
- Red (30%)
- Green (42%)
- Blue (52%)



- Red (30%)
- Yellow (38%)
- Blue (52%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (58%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6C84 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 4D6C84 by changing the saturation by 10% instead.



■ 4D6C84

■ 4D6C84

FFFFFF

■ 34546B

■ 809FB9

■ 1B3D52

■ 9BBAD5

■ 00273B

■ B6D6F1

■ 001326

■ D2F2FF

■ 000110

■ EFFFFFF

■ 000000

■ 4D6C84

■ 4D6C84

■ 406684

■ 5A7284

■ 336084

■ 677884

■ 255B84

■ 757D84

■ 185584

■ 828384

■ 0B4F84

■ 8F8984

■ 004A84

■ 9C8F84

■ A99484

■ B79A84

■ C4A084

# Harmonies

## Analogous

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



406F7C



4D6C84



616784

# Triad

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



4D6C84



865E62



5B6E54

# Complementary

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



4D6C84



84654D

# 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.



6C6A4C



4D6C84



836155

# Square

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



4D6C84



815F70



7A654D



4B7060

# Rectangle

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



4D6C84



6E6480



7A654D



616D50



# Sweetspot

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



4D6C84



95A1AB



4D8465



495157



D6D6D6



575757



# Same Dimension

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



4D6C84



5586AB



4D5184



3C3F42



004982



000103



# Inverse Universe

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



844D6C



AB5586



84804D



423C3F



820049



030001



# Previews

## White Background



This preview shows how the Hex color 4D6C84 looks on a white background.

## Color Contrast Check

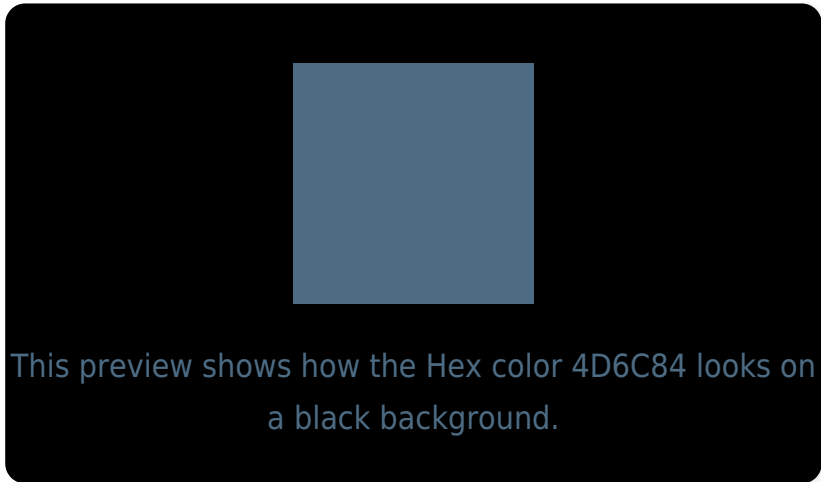
Large Text (above 18pt) WCAG AA ✓ Pass

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

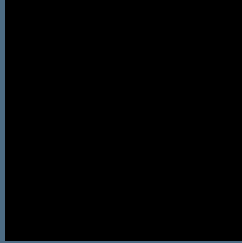
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

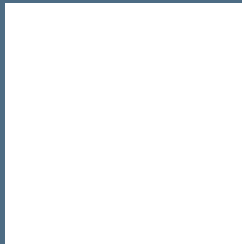
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D6C84 Background



This preview shows how black text looks on a background with the Hex color 4D6C84.

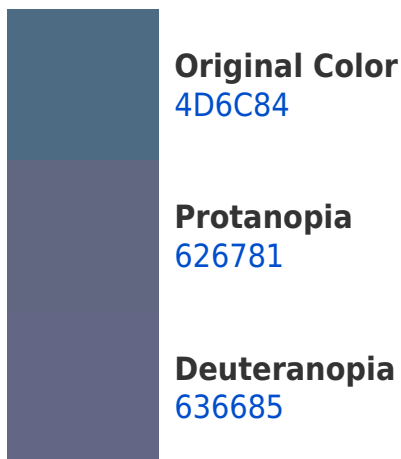


This preview shows how white text looks on a background with the Hex color 4D6C84.

# 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**  
496E77

# Trichromacy



**Original Color**  
4D6C84

**Protanomaly**  
5A6982

**Deuteranomaly**  
5B6885

**Tritanomaly**  
4A6D7C

# Monochromacy



**Original Color**  
4D6C84

**Achromatopsia**  
656565

**Achromatomaly**  
5C6870

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6C84 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 #4D6C84 looks like.

```
.text, #text, p{  
    color:#4D6C84  
}
```

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 #4D6C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6C84
}
```

## Border

The CSS property to change the border of an element to Hex 4D6C84 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
#4D6C84 }
```

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

```
.border{ border-color:#4D6C84 }
```

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

Here you see how a box with a 4 pixel #4D6C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6C84; -webkit-box-shadow:4px 4px  
4px 4px #4D6C84; box-shadow:4px 4px 4px  
4px #4D6C84 }
```

# Background

The CSS property to change the background color of an element to Hex 4D6C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6C84 }
```

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

```
.background{ background-color:#4D6C84 }
```

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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