

# Converting Colors

Hex(4C6974)

Have a look what the booklet for  
Hex(4C6974) contains.

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# Color

Hex(4C6974)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6974
RGB	76, 105, 116
RGB Percent	30%, 41%, 45%
CMY	0.7020, 0.5882, 0.5451
CMYK	0.34, 0.09, 0.00, 0.55
HSL	197°, 21%, 38%
HSV	197°, 34%, 45%
XYZ	11.1845, 12.9006, 18.4236
YIQ	97.5830, -20.8150, -2.7270

# Conversions

## Conversions Part 2

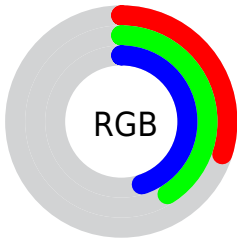
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 93, 116
Decimal	5007732
CIE <sub>Lab</sub>	42.61, -7.63, -9.56
CIE <sub>LCh</sub>	43, 12.232, 231.430
Yxy	12.9006, 0.2631, 0.3035
Android (android.graphics.Color)	4283197812 (0xFF4C6974)
YUV	97.5830, 9.0796, -18.9283
Hunter-Lab	35.9174, -7.2717, -5.2702

# Details

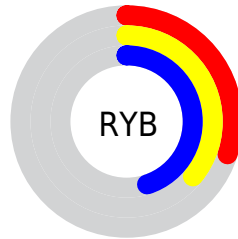
The Hex color **4C6974** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74574C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7E9CA8**, and **1D3A44** is the 20% darker color. If you saturate the color by 10%, you get **406674**, and if you desaturate by 10%, it is **586C74**.

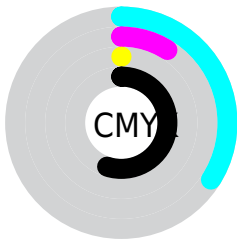
# Distribution



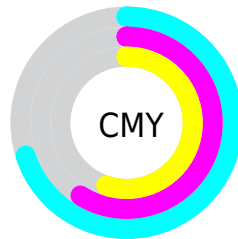
- Red (30%)
- Green (41%)
- Blue (45%)



- Red (30%)
- Yellow (36%)
- Blue (45%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (59%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6974 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 4C6974 by changing the saturation by 10% instead.



■ 4C6974

■ 4C6974

FFFFFF

■ 34515B

■ 7E9CA8

■ 1D3A44

■ 99B7C3

■ 04242E

■ B4D3DF

■ 000F19

■ D0EFC

■ 000000

■ ECF

■ 4C6974

■ 4C6974

■ 406674

■ 586C74

■ 356374

■ 636F74

■ 295F74

■ 6F7374

■ 1E5C74

■ 7A7674

■ 125974

■ 867974

■ 065674

■ 927C74

■ 005474

■ 9D7F74

■ A98374

■ B48674

# Harmonies

## Analogous

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



4A6A6C



4C6974



566678

# Triad

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



4C6974



775E68



656652

# Complementary

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



4C6974



74574C

# 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.



6F6351



4C6974



7A5E5E

# Square

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



4C6974



6F6071



776055



596958

# Rectangle

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



4C6974



5E6478



776055



686551



# Sweetspot

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



4C6974



879296



4C7457



434A4D



CCCCCC



4D4D4D



# Same Dimension

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



4C6974



598596



4C5574



35393B



00597A



00B5FA



# Inverse Universe

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



744C69



965985



746B4C



3B3539



7A0059



FA00B5



# Previews

## White Background



This preview shows how the Hex color 4C6974 looks on a white background.

## Color Contrast Check

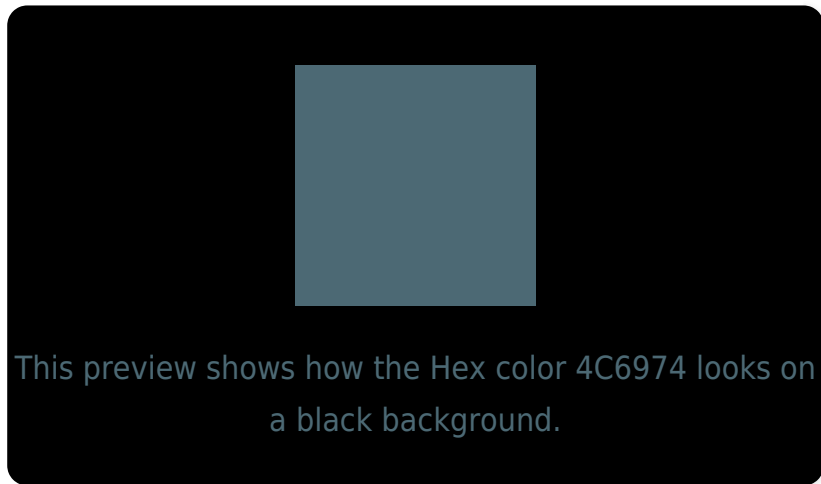
Large Text (above 18pt) WCAG AA ✓ Pass

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

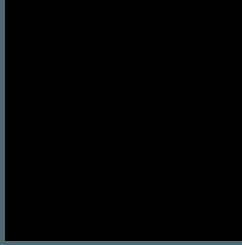
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6974 Background



This preview shows how black text looks on a background with the Hex color 4C6974.



This preview shows how white text looks on a background with the Hex color 4C6974.

# 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**  
4C6974

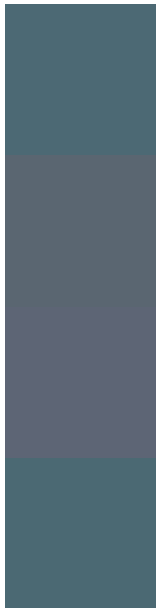
**Protanopia**  
626470

**Deuteranopia**  
666275



**Tritanopia**  
4B6972

# Trichromacy



**Original Color**  
4C6974

**Protanomaly**  
5A6671

**Deuteranomaly**  
5D6575

**Tritanomaly**  
4B6973

# Monochromacy



**Original Color**  
4C6974

**Achromatopsia**  
626262

**Achromatomaly**  
5A6569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6974 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 #4C6974 looks like.

```
.text, #text, p{  
    color:#4C6974  
}
```

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 #4C6974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6974  
}
```

## Border

The CSS property to change the border of an element to Hex 4C6974 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  
#4C6974 }
```

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

```
.border{ border-color:#4C6974 }
```

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

Here you see how a box with a 4 pixel #4C6974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6974; -webkit-box-shadow:4px 4px  
4px 4px #4C6974; box-shadow:4px 4px 4px  
4px #4C6974 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6974 }
```

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

```
.background{ background-color:#4C6974 }
```

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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