

# Converting Colors

Hex(4C6A6A)

Have a look what the booklet for  
Hex(4C6A6A) contains.

<b>Hex(4C6A6A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4C6A6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6A6A
RGB	76, 106, 106
RGB Percent	30%, 42%, 42%
CMY	0.7020, 0.5843, 0.5843
CMYK	0.28, 0.00, 0.00, 0.58
HSL	180°, 16%, 36%
HSV	180°, 28%, 42%
XYZ	10.7360, 12.8852, 15.5569
YIQ	97.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

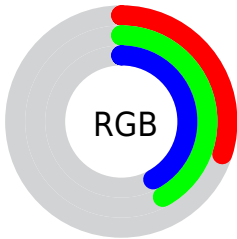
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 91, 106
Decimal	5007978
CIE <sub>Lab</sub>	42.59, -10.84, -3.54
CIE <sub>LCh</sub>	43, 11.408, 198.077
Yxy	12.8852, 0.2740, 0.3289
Android (android.graphics.Color)	4283198058 (0xFF4C6A6A)
YUV	97.0300, 4.4222, -18.4433
Hunter-Lab	35.8959, -9.4306, -0.5685

# Details

The Hex color **4C6A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4C4C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7E9D9D**, and **1E3B3B** is the 20% darker color. If you saturate the color by 10%, you get **416A6A**, and if you desaturate by 10%, it is **576A6A**.

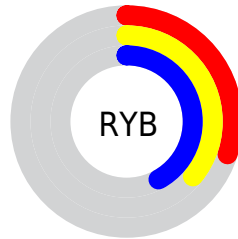
# Distribution



Red (30%)

Green (42%)

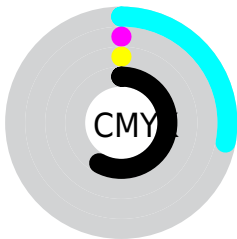
Blue (42%)



Red (30%)

Yellow (36%)

Blue (42%)

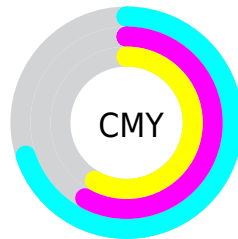


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6A6A 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 4C6A6A by changing the saturation by 10% instead.





4C6A6A



4C6A6A

FFFFFF



345252



7E9D9D



1E3B3B



98B8B8



062525



B3D4D4



001110



CFF0F0



000000



EBFFFF



4C6A6A



4C6A6A



416A6A



576A6A



376A6A



616A6A

■ 2C6A6A

■ 6C6A6A

■ 226A6A

■ 766A6A

■ 176A6A

■ 816A6A

■ 0C6A6A

■ 8C6A6A

■ 026A6A

■ 966A6A

■ 006A6A

■ A16A6A

■ AB6A6A

# Harmonies

## Analogous

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



516A60



4C6A6A



4D6972

# Triad

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



4C6A6A



6D6071



706352

# Complementary

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



4C6A6A



6A4C4C

# 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.



766057



4C6A6A



755E69

# Square

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



4C6A6A



616376



785E5F



666653

# Rectangle

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



4C6A6A



526776



785E5F



726253



# Sweetspot

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



4C6A6A



7F8A8A



4C6A4C



3E4545



C4C4C4



454545



# Same Dimension

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



4C6A6A



5B8A8A



4C5B6A



303636



007575



00F5F5



# Inverse Universe

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



6A4C6A



8A5B8A



6A5B4C



363036



750075

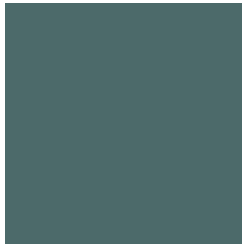


F500F5



# Previews

## White Background



This preview shows how the Hex color 4C6A6A looks on a white background.

## Color Contrast Check

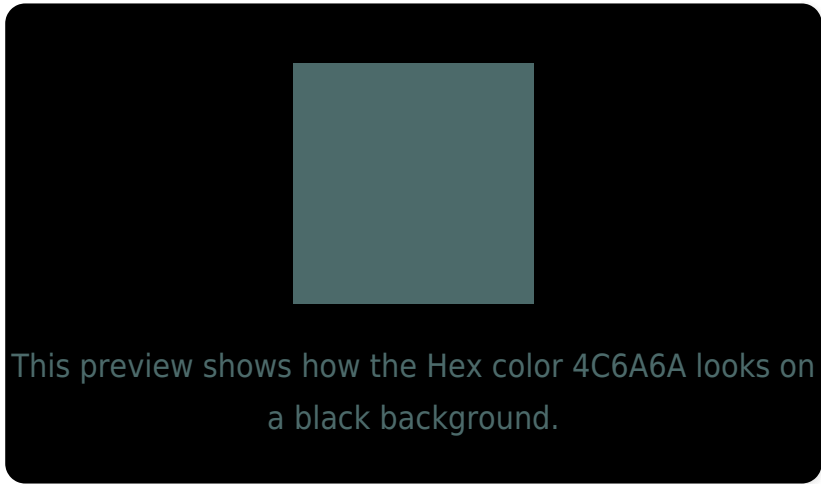
Large Text (above 18pt) WCAG AA ✓ Pass

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

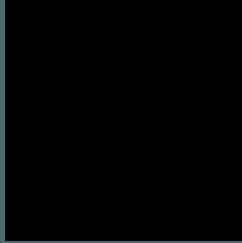
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6A6A Background



This preview shows how black text looks on a background with the Hex color 4C6A6A.



This preview shows how white text looks on a background with the Hex color 4C6A6A.

# 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**  
4C6A6A

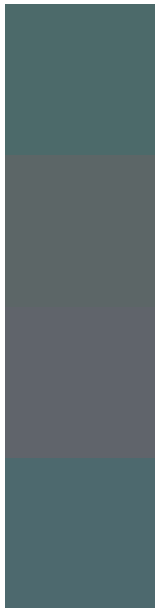
**Protanopia**  
656466

**Deuteranopia**  
6B616C



**Tritanopia**  
4E6971

# Trichromacy



**Original Color**

4C6A6A

**Protanomaly**

5C6667

**Deuteranomaly**

60646B

**Tritanomaly**

4D696E

# Monochromacy



**Original Color**

4C6A6A

**Achromatopsia**

616161

**Achromatomaly**

596464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6A6A 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 #4C6A6A looks like.

```
.text, #text, p{  
    color:#4C6A6A  
}
```

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 #4C6A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6A6A
}
```

## Border

The CSS property to change the border of an element to Hex 4C6A6A 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
#4C6A6A }
```

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

```
.border{ border-color:#4C6A6A }
```

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

Here you see how a box with a 4 pixel #4C6A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6A6A; -webkit-box-shadow:4px 4px  
4px 4px #4C6A6A; box-shadow:4px 4px 4px  
4px #4C6A6A }
```

# Background

The CSS property to change the background color of an element to Hex 4C6A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6A6A }
```

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

```
.background{ background-color:#4C6A6A }
```

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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