

# Converting Colors

Hex(4E706F)

Have a look what the booklet for  
Hex(4E706F) contains.

<b>Hex(4E706F)</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(4E706F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E706F
RGB	78, 112, 111
RGB Percent	31%, 44%, 44%
CMY	0.6941, 0.5608, 0.5647
CMYK	0.30, 0.00, 0.01, 0.56
HSL	178°, 18%, 37%
HSV	178°, 30%, 44%
XYZ	11.8053, 14.3557, 17.1877
YIQ	101.7200, -19.9430, -7.5190

# Conversions

## Conversions Part 2

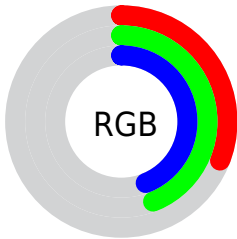
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 95, 112
Decimal	5140591
CIELab	44.74, -12.34, -3.37
CIELCh	45, 12.788, 195.266
Yxy	14.3557, 0.2723, 0.3312
Android (android.graphics.Color)	4283330671 (0xFF4E706F)
YUV	101.7200, 4.5750, -20.8024
Hunter-Lab	37.8890, -10.6894, -0.3736

# Details

The Hex color **4E706F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704E4F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **80A4A3**, and **1F403F** is the 20% darker color. If you saturate the color by 10%, you get **43706F**, and if you desaturate by 10%, it is **59706F**.

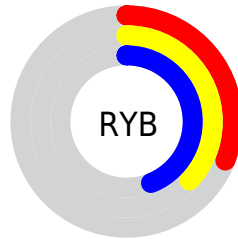
# Distribution



Red (31%)

Green (44%)

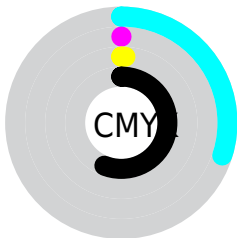
Blue (44%)



Red (31%)

Yellow (37%)

Blue (44%)

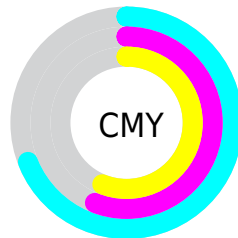


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E706F 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 4E706F by changing the saturation by 10% instead.





4E706F



4E706F

FFFFFF



365857



80A4A3



1F403F



9BBFBE



072A2A



B6DBD9



001615



D2F7F6



000000



EEFFFF



4E706F



4E706F



43706F



59706F



38706E



647070

■ 2C706E

■ 707070

■ 21706E

■ 7B7070

■ 16706D

■ 867071

■ 0B706D

■ 917071

■ 00706D

■ 9C7071

■ A87072

■ B37072

# Harmonies

## Analogous

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



557064



4E706F



4F6F79

# Triad

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



4E706F



726579



776755

# Complementary

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



4E706F



704E4F

# 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.



7E645B



4E706F



7C6370

# Square

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



4E706F



65697E



806265



6C6B55

# Rectangle

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



4E706F



546D7D



806265



7A6657



# Sweetspot

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



4E706F



849191



4F704E



424A4A



C9C9C9



4A4A4A



# Same Dimension

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



4E706F



5D9190



4E6070



323838



007874



00F7F0



# Inverse Universe

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



704E4F



915D5F



705E4E



383233



780004

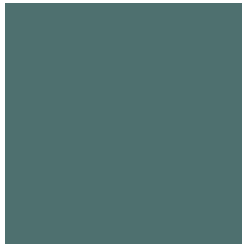


F70007



# Previews

## White Background



This preview shows how the Hex color 4E706F looks on a white background.

## Color Contrast Check

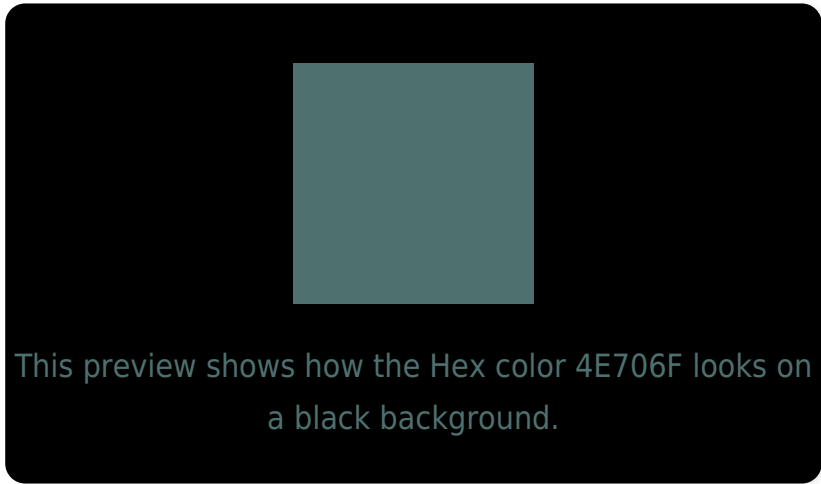
Large Text (above 18pt) WCAG AA ✓ Pass

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

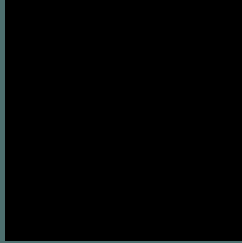
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E706F Background



This preview shows how black text looks on a background with the Hex color 4E706F.



This preview shows how white text looks on a background with the Hex color 4E706F.

# 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**  
4E706F

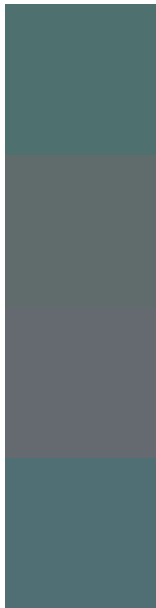
**Protanopia**  
6B696B

**Deuteranopia**  
706671



**Tritanopia**  
506F78

# Trichromacy



**Original Color**  
4E706F

**Protanomaly**  
606C6C

**Deuteranomaly**  
646A70

**Tritanomaly**  
4F6F75

# Monochromacy



**Original Color**  
4E706F

**Achromatopsia**  
666666

**Achromatomaly**  
5D6A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E706F 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 #4E706F looks like.

```
.text, #text, p{  
    color:#4E706F  
}
```

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 #4E706F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E706F
}
```

## Border

The CSS property to change the border of an element to Hex 4E706F 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
#4E706F }
```

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

```
.border{ border-color:#4E706F }
```

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

Here you see how a box with a 4 pixel #4E706F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E706F; -webkit-box-shadow:4px 4px  
4px 4px #4E706F; box-shadow:4px 4px 4px  
4px #4E706F }
```

# Background

The CSS property to change the background color of an element to Hex 4E706F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E706F }
```

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

```
.background{ background-color:#4E706F }
```

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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