

# Converting Colors

Hex(4E696F)

Have a look what the booklet for  
Hex(4E696F) contains.

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# Color

**Hex(4E696F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E696F
RGB	78, 105, 111
RGB Percent	31%, 41%, 44%
CMY	0.6941, 0.5882, 0.5647
CMYK	0.30, 0.05, 0.00, 0.56
HSL	191°, 17%, 37%
HSV	191°, 30%, 44%
XYZ	11.0627, 12.8705, 16.9401
YIQ	97.6110, -18.0180, -3.8580

# Conversions

## Conversions Part 2

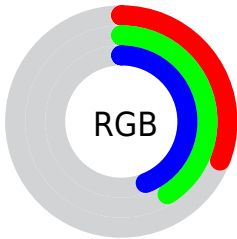
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 93, 111
Decimal	5138799
CIE <sub>Lab</sub>	42.57, -8.32, -6.59
CIE <sub>LCh</sub>	43, 10.615, 218.372
Yxy	12.8705, 0.2707, 0.3149
Android (android.graphics.Color)	4283328879 (0xFF4E696F)
YUV	97.6110, 6.6008, -17.1988
Hunter-Lab	35.8755, -7.7394, -2.8833

# Details

The Hex color **4E696F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F544E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **809CA3**, and **1F3A3F** is the 20% darker color. If you saturate the color by 10%, you get **43676F**, and if you desaturate by 10%, it is **596B6F**.

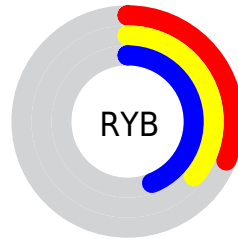
# Distribution



Red (31%)

Green (41%)

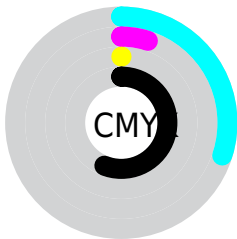
Blue (44%)



Red (31%)

Yellow (36%)

Blue (44%)

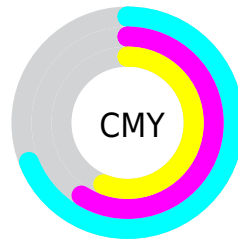


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (56%)



Cyan (69%)

Magenta (59%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E696F 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 4E696F by changing the saturation by 10% instead.





4E696F



4E696F

FFFFFF



365157



809CA3



1F3A3F



9AB7BE



082429



B5D3D9



001015



D1EFF6



000000



EEFFFF



4E696F



4E696F



43676F



596B6F



38656F



646D6F

■ 2D636F

■ 6F6F6F

■ 22616F

■ 7A716F

■ 175F6F

■ 86736F

■ 0B5D6F

■ 91756F

■ 005B6F

■ 9C776F

■ A7796F

■ B27B6F

# Harmonies

## Analogous

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



4F6A67



4E696F



546774

# Triad

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



4E696F



725F6B



696553

# Complementary

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



4E696F



6F544E

# 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.



716254



4E696F



775E62

# Square

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



4E696F



696172



765F5A



5F6757

# Rectangle

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



4E696F



5A6576



765F5A



6C6453



# Sweetspot

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



4E696F



848F91



4E6F54



42484A



C9C9C9



4A4A4A



# Same Dimension

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



4E696F



5D8891



4E596F



323738



006278



00CAF7



# Inverse Universe

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



6F4E69



915D88



6F644E



383237



780062



F700CA



# Previews

## White Background



This preview shows how the Hex color 4E696F looks on a white background.

## Color Contrast Check

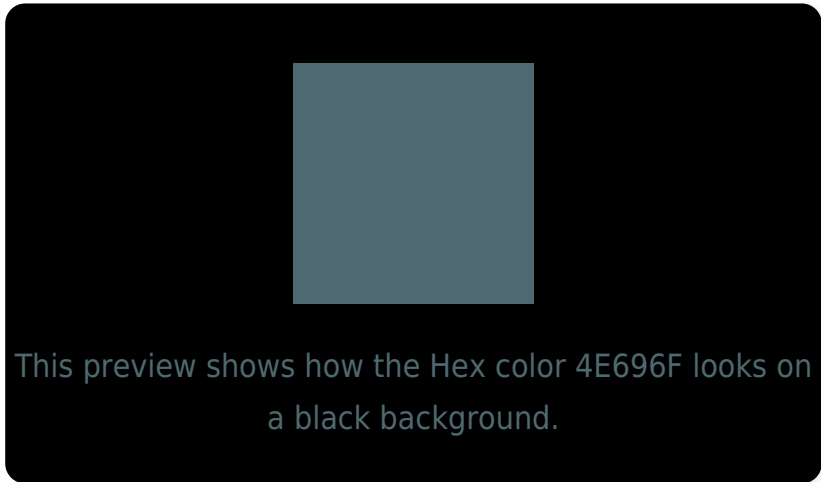
Large Text (above 18pt) WCAG AA ✓ Pass

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

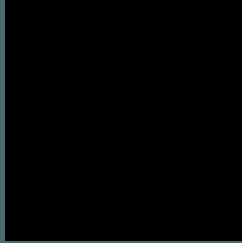
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E696F Background



This preview shows how black text looks on a background with the Hex color 4E696F.



This preview shows how white text looks on a background with the Hex color 4E696F.

# 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**  
4E696F

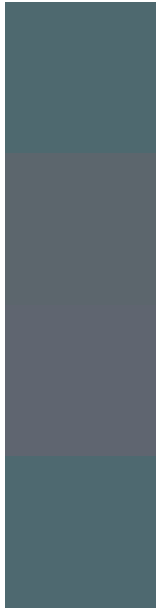
**Protanopia**  
64646C

**Deuteranopia**  
686271



**Tritanopia**  
4E6971

# Trichromacy



**Original Color**  
4E696F

**Protanomaly**  
5C666D

**Deuteranomaly**  
5F6570

**Tritanomaly**  
4E6970

# Monochromacy



**Original Color**  
4E696F

**Achromatopsia**  
626262

**Achromatomaly**  
5B6567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E696F 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 #4E696F looks like.

```
.text, #text, p{  
    color:#4E696F  
}
```

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 #4E696F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E696F
}
```

## Border

The CSS property to change the border of an element to Hex 4E696F 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
#4E696F }
```

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

```
.border{ border-color:#4E696F }
```

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

Here you see how a box with a 4 pixel #4E696F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E696F; -webkit-box-shadow:4px 4px  
4px 4px #4E696F; box-shadow:4px 4px 4px  
4px #4E696F }
```

# Background

The CSS property to change the background color of an element to Hex 4E696F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E696F }
```

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

```
.background{ background-color:#4E696F }
```

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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