

# Converting Colors

Hex(4E666D)

Have a look what the booklet for  
Hex(4E666D) contains.

<b>Hex(4E666D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4E666D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E666D
RGB	78, 102, 109
RGB Percent	31%, 40%, 43%
CMY	0.6941, 0.6000, 0.5725
CMYK	0.28, 0.06, 0.00, 0.57
HSL	194°, 17%, 37%
HSV	194°, 28%, 43%
XYZ	10.6536, 12.2266, 16.2665
YIQ	95.6220, -16.5510, -2.9110

# Conversions

## Conversions Part 2

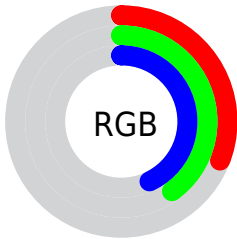
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 92, 109
Decimal	5138029
CIE Lab	41.57, -7.09, -6.86
CIE LCh	42, 9.861, 224.056
Yxy	12.2266, 0.2721, 0.3123
Android (android.graphics.Color)	4283328109 (0xFF4E666D)
YUV	95.6220, 6.5954, -15.4545
Hunter-Lab	34.9665, -6.8061, -3.1052

# Details

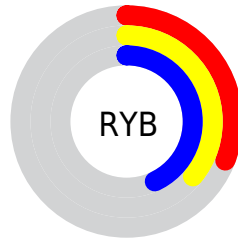
The Hex color **4E666D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D554E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8099A0**, and **20373E** is the 20% darker color. If you saturate the color by 10%, you get **43646D**, and if you desaturate by 10%, it is **59686D**.

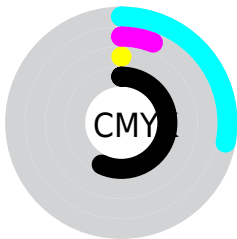
# Distribution



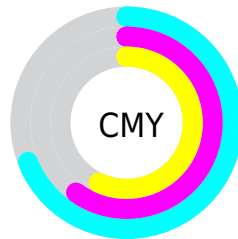
- Red (31%)
- Green (40%)
- Blue (43%)



- Red (31%)
- Yellow (36%)
- Blue (43%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (69%)
- Magenta (60%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E666D 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 4E666D by changing the saturation by 10% instead.





4E666D



4E666D

FFFFFF



364E55



8099A0



20373E



9AB4BB



092228



B5CFD7



000C13



D1ECF4



000000



EDFFFF



4E666D



4E666D



43646D



59686D



38616D



646B6D

■ 2D5F6D

■ 6F6D6D

■ 225C6D

■ 7A706D

■ 185A6D

■ 85726D

■ 0D576D

■ 8F756D

■ 02556D

■ 9A776D

■ 00546D

■ A57A6D

■ B07C6D

# Harmonies

## Analogous

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



4E6766



4E666D



546471

# Triad

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



4E666D



705D67



656352

# Complementary

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



4E666D



6D554E

# 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.



6D6053



4E666D



735D5E

# Square

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



4E666D



685F6E



725E57



5B6556

# Rectangle

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



4E666D



5B6272



725E57



676252



# Sweetspot

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



4E666D



828C8F



4E6D55



404647



C7C7C7



474747



# Same Dimension

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



4E666D



5E848F



4E576D



303436



005B75



00BEF5



# Inverse Universe

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



6D4E66



8F5E84



6D644E



363034



75005B



F500BE



# Previews

## White Background



This preview shows how the Hex color 4E666D looks on a white background.

## Color Contrast Check

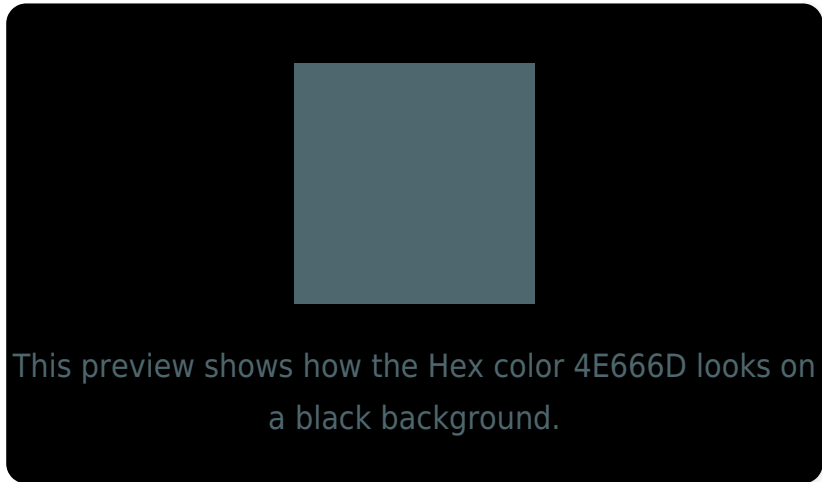
Large Text (above 18pt) WCAG AA ✓ Pass

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

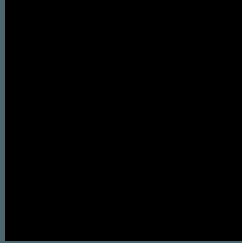
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

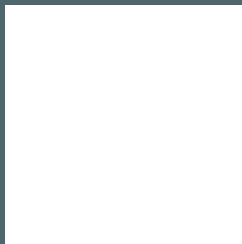
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E666D Background



This preview shows how black text looks on a background with the Hex color 4E666D.



This preview shows how white text looks on a background with the Hex color 4E666D.

# 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**  
4E666D

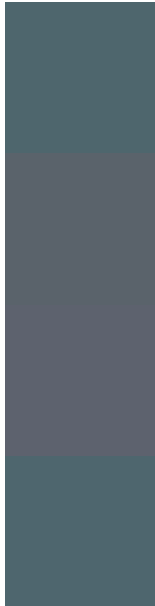
**Protanopia**  
61616A

**Deuteranopia**  
655F6E



**Tritanopia**  
4E666E

# Trichromacy



**Original Color**  
4E666D

**Protanomaly**  
5A636B

**Deuteranomaly**  
5D626E

**Tritanomaly**  
4E666E

# Monochromacy



**Original Color**  
4E666D

**Achromatopsia**  
606060

**Achromatomaly**  
596265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E666D 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 #4E666D looks like.

```
.text, #text, p{  
    color:#4E666D  
}
```

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 #4E666D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E666D
}
```

## Border

The CSS property to change the border of an element to Hex 4E666D 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
#4E666D }
```

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

```
.border{ border-color:#4E666D }
```

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

Here you see how a box with a 4 pixel #4E666D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E666D; -webkit-box-shadow:4px 4px  
4px 4px #4E666D; box-shadow:4px 4px 4px  
4px #4E666D }
```

# Background

The CSS property to change the background color of an element to Hex 4E666D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E666D }
```

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

```
.background{ background-color:#4E666D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor