

# Converting Colors

Hex(4E6D66)

Have a look what the booklet for  
Hex(4E6D66) contains.

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# Color

**Hex(4E6D66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E6D66
RGB	78, 109, 102
RGB Percent	31%, 43%, 40%
CMY	0.6941, 0.5725, 0.6000
CMYK	0.28, 0.00, 0.06, 0.57
HSL	166°, 17%, 37%
HSV	166°, 28%, 43%
XYZ	11.0088, 13.5163, 14.5991
YIQ	98.9330, -16.2290, -8.7490

# Conversions

## Conversions Part 2

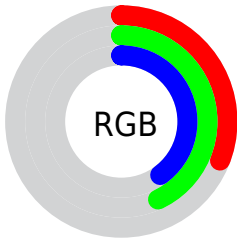
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 95, 109
Decimal	5139814
CIE <sub>Lab</sub>	43.53, -12.87, 0.27
CIE <sub>LCh</sub>	44, 12.875, 178.777
Yxy	13.5163, 0.2814, 0.3455
Android (android.graphics.Color)	4283329894 (0xFF4E6D66)
YUV	98.9330, 1.5120, -18.3582
Hunter-Lab	36.7645, -10.8877, 2.1913

# Details

The Hex color **4E6D66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4E55**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80A199**, and **203D37** is the 20% darker color. If you saturate the color by 10%, you get **436D64**, and if you desaturate by 10%, it is **596D68**.

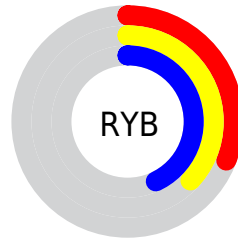
# Distribution



Red (31%)

Green (43%)

Blue (40%)



Red (31%)

Yellow (37%)

Blue (43%)

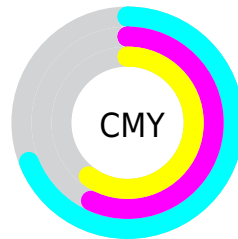


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6D66 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 4E6D66 by changing the saturation by 10% instead.





4E6D66



4E6D66

FFFFFF



36554E



80A199



203D37



9ABC B4



092722



B5D7CF



00140C



D1F4EB



000000



EDFFFF



4E6D66



4E6D66



436D64



596D68



386D61



646D6B

■ 2D6D5F

■ 6F6D6D

■ 226D5C

■ 7A6D70

■ 186D5A

■ 856D72

■ 0D6D57

■ 8F6D75

■ 026D55

■ 9A6D77

■ 006D54

■ A56D7A

■ B06D7C

# Harmonies

## Analogous

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



586C5C



4E6D66



4A6D71

# Triad

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



4E6D66



686479



796255

# Complementary

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



4E6D66



6D4E55

# 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.



7D605D



4E6D66



746172

# Square

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



4E6D66



5A687C



7C5F68



706652

# Rectangle

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



4E6D66



4C6C76



7C5F68



7B6257



# Sweetspot

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



4E6D66



828F8C



556D4E



404746



C7C7C7



474747



# Same Dimension

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



4E6D66



5E8F84



4E656D



303634



00755B



00F5BE



# Inverse Universe

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



6D4E55



8F5E69



6D564E



363031



75001A



F50037



# Previews

## White Background



This preview shows how the Hex color 4E6D66 looks on a white background.

## Color Contrast Check

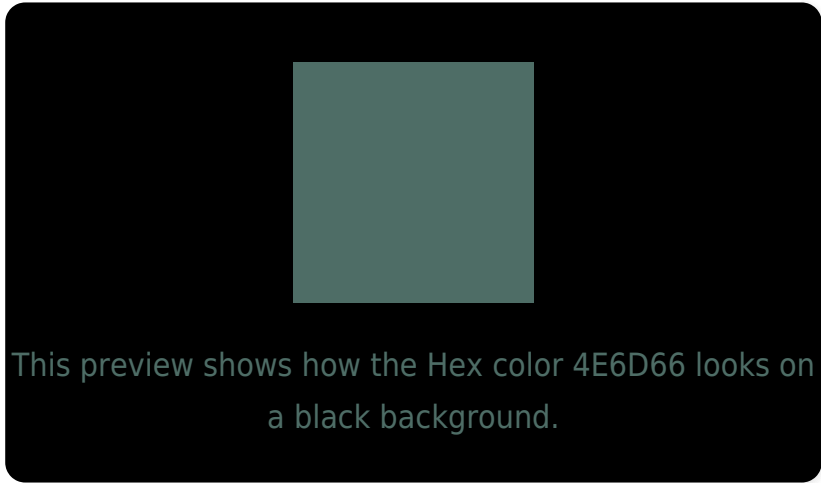
Large Text (above 18pt) WCAG AA ✓ Pass

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

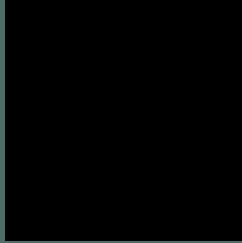
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

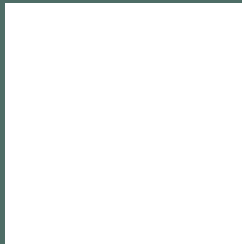
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E6D66 Background



This preview shows how black text looks on a background with the Hex color 4E6D66.

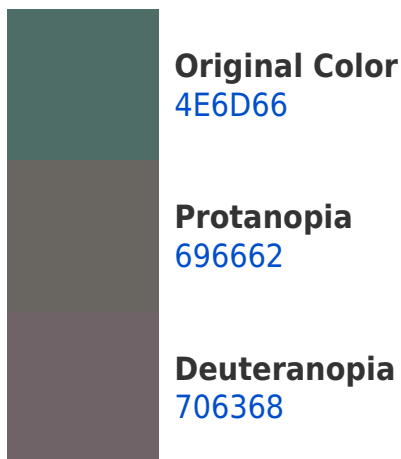


This preview shows how white text looks on a background with the Hex color 4E6D66.

# 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](#).

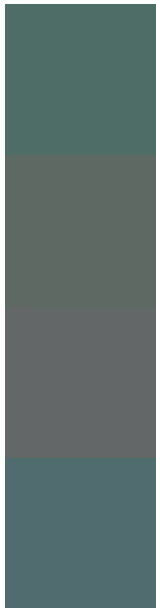
## Dichromacy





**Tritanopia**  
516B74

# Trichromacy



**Original Color**  
4E6D66

**Protanomaly**  
5F6963

**Deuteranomaly**  
646767

**Tritanomaly**  
506C6F

# Monochromacy



**Original Color**  
4E6D66

**Achromatopsia**  
636363

**Achromatomaly**  
5B6764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6D66 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 #4E6D66 looks like.

```
.text, #text, p{  
    color:#4E6D66  
}
```

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 #4E6D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6D66
}
```

## Border

The CSS property to change the border of an element to Hex 4E6D66 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
#4E6D66 }
```

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

```
.border{ border-color:#4E6D66 }
```

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

Here you see how a box with a 4 pixel #4E6D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6D66; -webkit-box-shadow:4px 4px  
4px 4px #4E6D66; box-shadow:4px 4px 4px  
4px #4E6D66 }
```

# Background

The CSS property to change the background color of an element to Hex 4E6D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6D66 }
```

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

```
.background{ background-color:#4E6D66 }
```

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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