

# Converting Colors

Hex(4E6E5B)

Have a look what the booklet for  
Hex(4E6E5B) contains.

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# Color

**Hex(4E6E5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E6E5B
RGB	78, 110, 91
RGB Percent	31%, 43%, 36%
CMY	0.6941, 0.5686, 0.6431
CMYK	0.29, 0.00, 0.17, 0.57
HSL	144°, 17%, 37%
HSV	144°, 29%, 43%
XYZ	10.6061, 13.5269, 11.9495
YIQ	98.2660, -12.9730, -12.6930

# Conversions

## Conversions Part 2

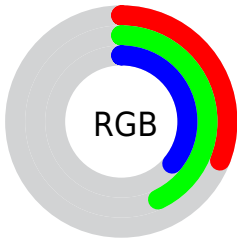
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 101, 110
Decimal	5140059
CIELab	43.55, -15.95, 6.91
CIElCh	44, 17.381, 156.568
Yxy	13.5269, 0.2939, 0.3749
Android (android.graphics.Color)	4283330139 (0xFF4E6E5B)
YUV	98.2660, -3.5821, -17.7733
Hunter-Lab	36.7789, -12.8881, 6.4819

# Details

The Hex color **4E6E5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4E61**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **80A28D**, and **203E2D** is the 20% darker color. If you saturate the color by 10%, you get **436E54**, and if you desaturate by 10%, it is **596E62**.

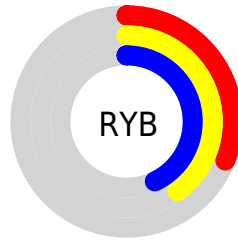
# Distribution



 Red (31%)

 Green (43%)

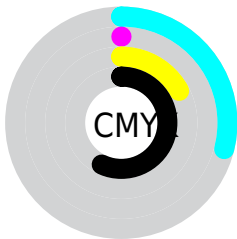
 Blue (36%)



 Red (31%)

 Yellow (40%)

 Blue (43%)

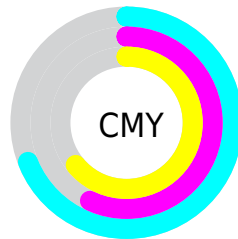


 Cyan (29%)

 Magenta (0%)

 Yellow (17%)

 Black (57%)



 Cyan (69%)

 Magenta (57%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6E5B 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 4E6E5B by changing the saturation by 10% instead.





4E6E5B



4E6E5B

FFFFFF



365644



80A28D



203E2D



9ABDA8



092819



B5D9C3



001500



D1F5DF



000000



EDFFFB



4E6E5B



4E6E5B



436E54



596E62



386E4E



646E68

■ 2D6E47

■ 6F6E6F

■ 226E41

■ 7A6E75

■ 176E3A

■ 856E7C

■ 0C6E34

■ 906E82

■ 016E2D

■ 9B6E89

■ 006E2D

■ A66E8F

■ B16E96

# Harmonies

## Analogous

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



5E6B4F



4E6E5B



416F6A

# Triad

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



4E6E5B



5A6783



835E56

# Complementary

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



4E6E5B



6E4E61

# 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.



845C64



4E6E5B



6D627E

# Square

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



4E6E5B



476B81



7C5E73



7B624D

# Rectangle

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



4E6E5B



3D6F73



7C5E73



845D5B



# Sweetspot

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



4E6E5B



828F87



616E4E



404743



C7C7C7



474747



# Same Dimension

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



4E6E5B



5D8F71



4E6E6B



323835



007831



00F764



# Inverse Universe

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



6E4E61



8F5D7A



6E4E51



383236



780047



F70093



# Previews

## White Background



This preview shows how the Hex color 4E6E5B looks on a white background.

## Color Contrast Check

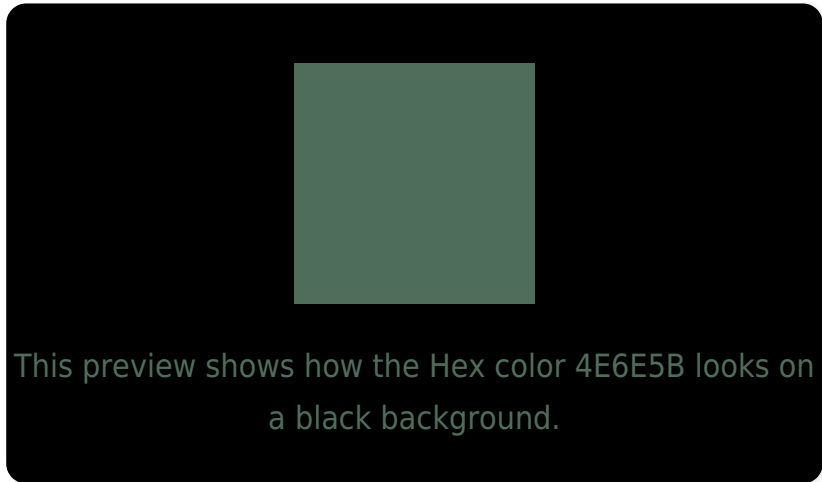
Large Text (above 18pt) WCAG AA ✓ Pass

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

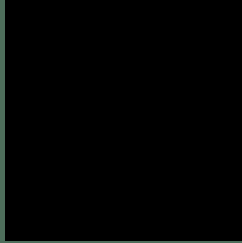
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E6E5B Background



This preview shows how black text looks on a background with the Hex color 4E6E5B.



This preview shows how white text looks on a background with the Hex color 4E6E5B.

# 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**  
4E6E5B

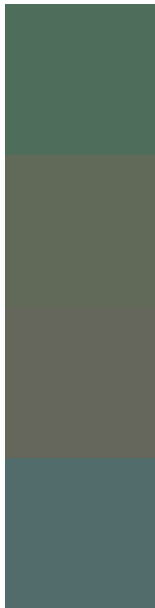
**Protanopia**  
6C6657

**Deuteranopia**  
74635D



**Tritanopia**  
536B73

# Trichromacy



**Original Color**  
4E6E5B

**Protanomaly**  
616958

**Deuteranomaly**  
66675C

**Tritanomaly**  
516C6A

# Monochromacy



**Original Color**  
4E6E5B

**Achromatopsia**  
626262

**Achromatomaly**  
5B665F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6E5B 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 #4E6E5B looks like.

```
.text, #text, p{  
    color:#4E6E5B  
}
```

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 #4E6E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6E5B
}
```

## Border

The CSS property to change the border of an element to Hex 4E6E5B 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
#4E6E5B }
```

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

```
.border{ border-color:#4E6E5B }
```

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

Here you see how a box with a 4 pixel #4E6E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6E5B; -webkit-box-shadow:4px 4px  
4px 4px #4E6E5B; box-shadow:4px 4px 4px  
4px #4E6E5B }
```

# Background

The CSS property to change the background color of an element to Hex 4E6E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6E5B }
```

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

```
.background{ background-color:#4E6E5B }
```

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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