

# Converting Colors

Hex(4E6E5D)

Have a look what the booklet for  
Hex(4E6E5D) contains.

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# Color

**Hex(4E6E5D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 4E6E5D                      |
| RGB         | 78, 110, 93                 |
| RGB Percent | 31%, 43%, 36%               |
| CMY         | 0.6941, 0.5686, 0.6353      |
| CMYK        | 0.29, 0.00, 0.15, 0.57      |
| HSL         | 148°, 17%, 37%              |
| HSV         | 148°, 29%, 43%              |
| XYZ         | 10.6936, 13.5619, 12.4100   |
| YIQ         | 98.4940, -13.6150, -12.0710 |

# Conversions

## Conversions Part 2

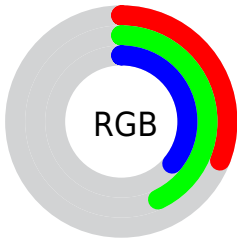
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 78, 100, 110                  |
| Decimal                             | 5140061                       |
| CIE Lab                             | 43.60, -15.51, 5.79           |
| CIE LCh                             | 44, 16.553, 159.542           |
| Yxy                                 | 13.5619, 0.2917,<br>0.3699    |
| Android<br>(android.graphics.Color) | 4283330141<br>(0xFF4E6E5D)    |
| YUV                                 | 98.4940, -2.7085,<br>-17.9732 |
| Hunter-Lab                          | 36.8265, -12.6138,<br>5.7986  |

# Details

The Hex color **4E6E5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4E5F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80A28F**, and **203E2F** is the 20% darker color. If you saturate the color by 10%, you get **436E57**, and if you desaturate by 10%, it is **596E63**.

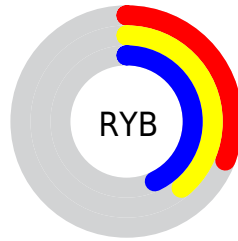
# Distribution



 Red (31%)

 Green (43%)

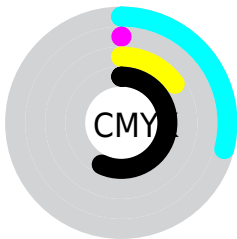
 Blue (36%)




 Red (31%)

 Yellow (39%)

 Blue (43%)

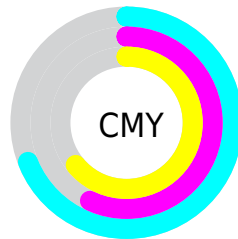


 Cyan (29%)

 Magenta (0%)

 Yellow (15%)

 Black (57%)



 Cyan (69%)

 Magenta (57%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6E5D 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 4E6E5D by changing the saturation by 10% instead.





4E6E5D



4E6E5D

FFFFFF



365645



80A28F



203E2F



9ABDAA



09281A



B5D9C5



001500



D1F5E1



000000



EDFFFE



4E6E5D



4E6E5D



436E57



596E63



386E51



646E69

■ 2D6E4B

■ 6F6E6F

■ 226E46

■ 7A6E74

■ 176E40

■ 856E7A

■ 0C6E3A

■ 906E80

■ 016E34

■ 9B6E86

■ 006E34

■ A66E8C

■ B16E92

# Harmonies

## Analogous

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



5D6B52



4E6E5D



426F6B

# Triad

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



4E6E5D



5C6782



825F56

# Complementary

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



4E6E5D



6E4E5F

# 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.



835D63



4E6E5D



6F627C

# Square

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



4E6E5D



4A6B80



7C5E71



7A634E

# Rectangle

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



4E6E5D



3F6E74



7C5E71



835E5A



# Sweetspot

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



4E6E5D



828F88



5F6E4E



404743



C7C7C7



474747



# Same Dimension

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



4E6E5D



5D8F74



4E6E6D



323835



007838



00F774



# Inverse Universe

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



6E4E5F



8F5D77



6E4E4F



383235



780040



F70083



# Previews

## White Background



This preview shows how the Hex color 4E6E5D looks on a white background.

## Color Contrast Check

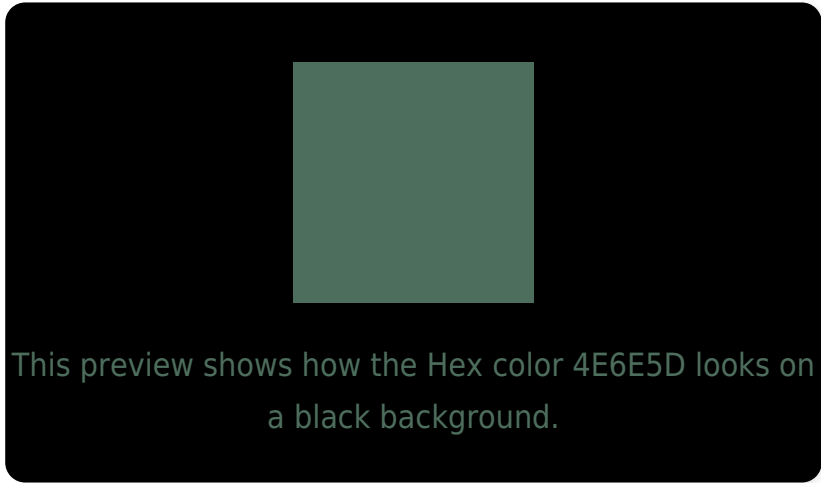
Large Text (above 18pt) WCAG AA ✓ Pass

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

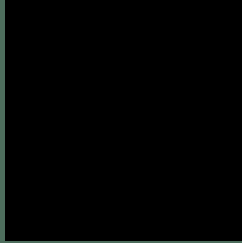
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E6E5D Background



This preview shows how black text looks on a background with the Hex color 4E6E5D.



This preview shows how white text looks on a background with the Hex color 4E6E5D.

# 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**  
4E6E5D

**Protanopia**  
6C6659

**Deuteranopia**  
73635F



**Tritanopia**  
536B73

# Trichromacy



**Original Color**  
4E6E5D

**Protanomaly**  
61695A

**Deuteranomaly**  
66675E

**Tritanomaly**  
516C6B

# Monochromacy



**Original Color**  
4E6E5D

**Achromatopsia**  
626262

**Achromatomaly**  
5B6660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6E5D 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 #4E6E5D looks like.

```
.text, #text, p{  
    color:#4E6E5D  
}
```

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 #4E6E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6E5D
}
```

## Border

The CSS property to change the border of an element to Hex 4E6E5D 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
#4E6E5D }
```

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

```
.border{ border-color:#4E6E5D }
```

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

Here you see how a box with a 4 pixel #4E6E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6E5D; -webkit-box-shadow:4px 4px  
4px 4px #4E6E5D; box-shadow:4px 4px 4px  
4px #4E6E5D }
```

# Background

The CSS property to change the background color of an element to Hex 4E6E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6E5D }
```

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

```
.background{ background-color:#4E6E5D }
```

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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