

Converting Colors

Hex(4E7060)

Have a look what the booklet for
Hex(4E7060) contains.

Hex(4E7060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E7060)

Conversions

Conversions Part 1

Format	Color
Hex	4E7060
RGB	78, 112, 96
RGB Percent	31%, 44%, 38%
CMY	0.6941, 0.5608, 0.6235
CMYK	0.30, 0.00, 0.14, 0.56
HSL	152°, 18%, 37%
HSV	152°, 30%, 44%
XYZ	11.0474, 14.0526, 13.1965
YIQ	100.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

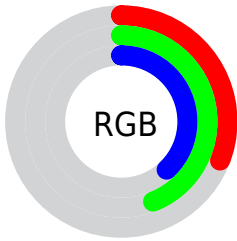
Format	Color
R_{YB}	78, 100, 112
Decimal	5140576
CIE _{Lab}	44.31, -15.94, 5.00
CIE _{LCh}	44, 16.705, 162.570
Yxy	14.0526, 0.2885, 0.3669
Android (android.graphics.Color)	4283330656 (0xFF4E7060)
YUV	100.0100, -1.9769, -19.3028
Hunter-Lab	37.4868, -12.9977, 5.3688

Details

The Hex color **4E7060** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704E5E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **80A492**, and **204032** is the 20% darker color. If you saturate the color by 10%, you get **43705B**, and if you desaturate by 10%, it is **597065**.

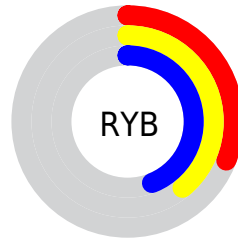
Distribution



 Red (31%)

 Green (44%)

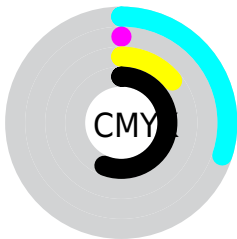
 Blue (38%)



 Red (31%)

 Yellow (39%)

 Blue (44%)

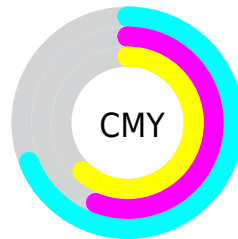


 Cyan (30%)


 Magenta (0%)

 Yellow (14%)

 Black (56%)



 Cyan (69%)

 Magenta (56%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7060 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 4E7060 by changing the saturation by 10% instead.

 4E7060

 4E7060

FFFFFF

 365748

 80A492

 204032

 9ABFAD

 092A1D

 B5DBC8

 001703

 D1F7E4

 000000

 EFFFFFF

 4E7060

 4E7060

 43705B

 597065

 387055

 64706B

■ 2C7050

■ 707070

■ 21704B

■ 7B7075

■ 167046

■ 86707A

■ 0B7040

■ 917080

■ 00703B

■ 9C7085

■ A8708A

■ B3708F

Harmonies

Analogous

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



5D6E54



4E7060



43716E

Triad

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



4E7060



606884



836157

Complementary

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



4E7060



704E5E

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.



855F63



4E7060



72637D

Square

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



4E7060



4E6C83



7F6071



7A654F

Rectangle

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



4E7060



417077



7F6071



85605A

Sweetspot

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



4E7060



84918B



5E704E



424A46



C9C9C9



4A4A4A

Same Dimension

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



4E7060



5D9179



4E6F70



323835



00783F



00F783

Inverse Universe

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



704E5E



915D76



704F4E



383235



780038



F70074

Previews

White Background



This preview shows how the Hex color 4E7060 looks on a white background.

Color Contrast Check

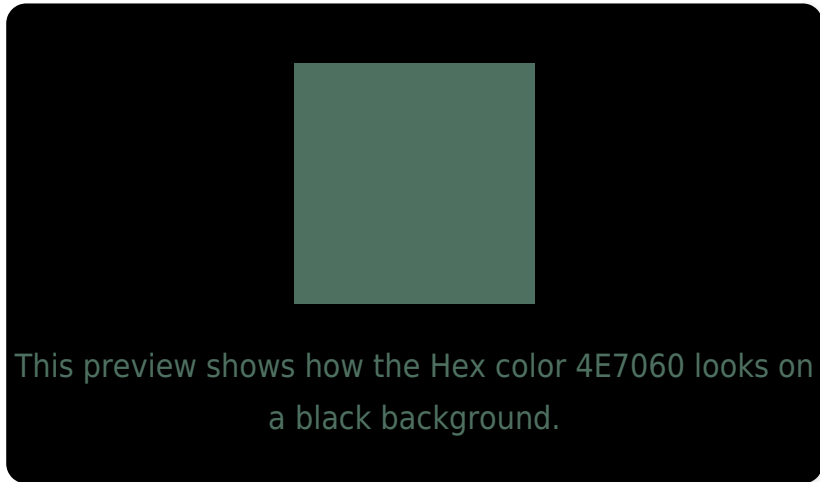
Large Text (above 18pt) WCAG AA ✓ Pass

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

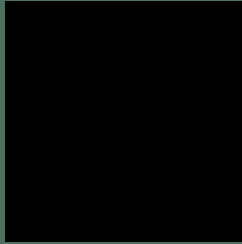
Any Text WCAG AA × Fail

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 4E7060 Background



This preview shows how black text looks on a background with the Hex color 4E7060.



This preview shows how white text looks on a background with the Hex color 4E7060.

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
4E7060

Protanopia
6D685C

Deuteranopia
756562



Tritanopia
536D76

Trichromacy



Original Color
4E7060

Protanomaly
626B5D

Deuteranomaly
676961

Tritanomaly
516E6E

Monochromacy



Original Color
4E7060

Achromatopsia
646464

Achromatomaly
5C6863

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7060 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 #4E7060 looks like.

```
.text, #text, p{  
    color:#4E7060  
}
```

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 #4E7060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7060  
}
```

Border

The CSS property to change the border of an element to Hex 4E7060 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  
#4E7060 }
```

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

```
.border{ border-color:#4E7060 }
```

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

Here you see how a box with a 4 pixel #4E7060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7060; -webkit-box-shadow:4px 4px  
4px 4px #4E7060; box-shadow:4px 4px 4px  
4px #4E7060 }
```

Background

The CSS property to change the background color of an element to Hex 4E7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7060 }
```

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

```
.background{ background-color:#4E7060 }
```

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