

Converting Colors

Hex(4E7672)

Have a look what the booklet for
Hex(4E7672) contains.

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Color

Hex(4E7672)

Conversions

Conversions Part 1

Format	Color
Hex	4E7672
RGB	78, 118, 114
RGB Percent	31%, 46%, 45%
CMY	0.6941, 0.5373, 0.5529
CMYK	0.34, 0.00, 0.03, 0.54
HSL	174°, 20%, 38%
HSV	174°, 34%, 46%
XYZ	12.6576, 15.7915, 18.3005
YIQ	105.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

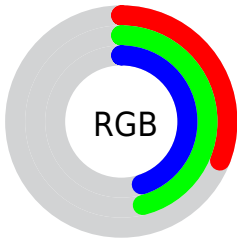
Format	Color
RYB	78, 99, 118
Decimal	5142130
CIELab	46.70, -14.92, -2.27
CIELCh	47, 15.096, 188.650
Yxy	15.7915, 0.2708, 0.3378
Android (android.graphics.Color)	4283332210 (0xFF4E7672)
YUV	105.5840, 4.1491, -24.1912
Hunter-Lab	39.7385, -12.6862, 0.5125

Details

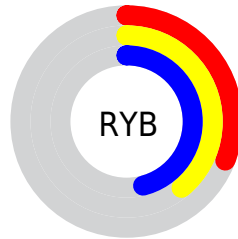
The Hex color **4E7672** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764E52**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **81AAA6**, and **1E4642** is the 20% darker color. If you saturate the color by 10%, you get **427671**, and if you desaturate by 10%, it is **5A7673**.

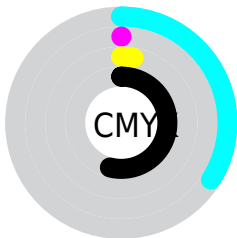
Distribution



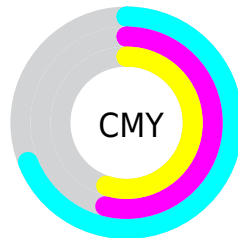
- Red (31%)
- Green (46%)
- Blue (45%)



- Red (31%)
- Yellow (39%)
- Blue (46%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (69%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7672 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 4E7672 by changing the saturation by 10% instead.

■ 4E7672

■ 4E7672

FFFFFF

■ 365D5A

■ 81AAA6

■ 1E4642

■ 9BC6C1

■ 042F2C

■ B6E2DD

■ 001B18

■ D2FEF9

■ 000000

■ EFFFFFF

■ 4E7672

■ 4E7672

■ 427671

■ 5A7673

■ 367670

■ 667674

■ 2B766E

■ 717676

■ 1F766D

■ 7D7677

■ 13766C

■ 897678

■ 07766B

■ 957679

■ 00766A

■ A1767A

■ AC767B

■ B8767D

Harmonies

Analogous

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



587565



4E7672



4C757E

Triad

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



4E7672



756A82



806B57

Complementary

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



4E7672



764E52

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.



88675F



4E7672



826778

Square

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



4E7672



656F88



89666B



756F56

Rectangle

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



4E7672



517484



89666B



836959

Sweetspot

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



4E7672



8A9997



52764E



434D4C



CCCCCC



4D4D4D

Same Dimension

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



4E7672



5A9993



4E6676



353B3A



007A6E



00FAE1

Inverse Universe

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



764E52



995A61



765E4E



3B3535



7A000C



FA0019

Previews

White Background



This preview shows how the Hex color 4E7672 looks on a white background.

Color Contrast Check

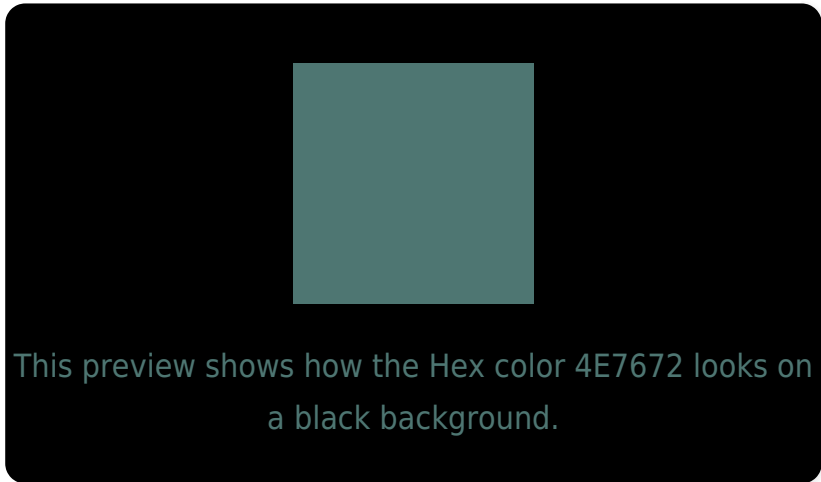
Large Text (above 18pt) WCAG AA ✓ Pass

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

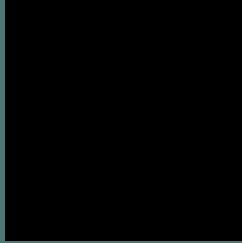
Any Text WCAG AA × Fail

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 4E7672 Background



This preview shows how black text looks on a background with the Hex color 4E7672.

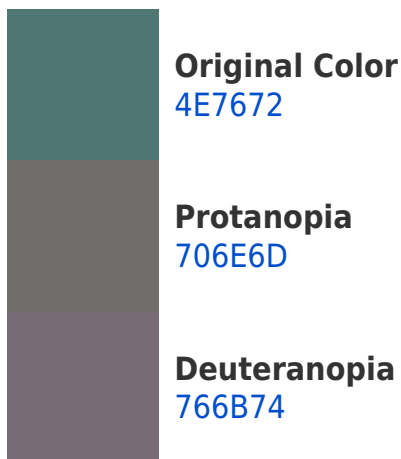


This preview shows how white text looks on a background with the Hex color 4E7672.

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
51747E

Trichromacy



Original Color

4E7672

Protanomaly

64716F

Deuteranomaly

676F73

Tritanomaly

50757A

Monochromacy



Original Color

4E7672

Achromatopsia

6A6A6A

Achromatomaly

606E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7672 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 #4E7672 looks like.

```
.text, #text, p{  
    color:#4E7672  
}
```

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 #4E7672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7672
}
```

Border

The CSS property to change the border of an element to Hex 4E7672 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
#4E7672 }
```

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

```
.border{ border-color:#4E7672 }
```

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

Here you see how a box with a 4 pixel #4E7672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7672; -webkit-box-shadow:4px 4px  
4px 4px #4E7672; box-shadow:4px 4px 4px  
4px #4E7672 }
```

Background

The CSS property to change the background color of an element to Hex 4E7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7672 }
```

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

```
.background{ background-color:#4E7672 }
```

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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