

Converting Colors

Hex(4E7258)

Have a look what the booklet for
Hex(4E7258) contains.

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Color

Hex(4E7258)

Conversions

Conversions Part 1

Format	Color
Hex	4E7258
RGB	78, 114, 88
RGB Percent	31%, 45%, 35%
CMY	0.6941, 0.5529, 0.6549
CMYK	0.32, 0.00, 0.23, 0.55
HSL	137°, 19%, 38%
HSV	137°, 32%, 45%
XYZ	10.9207, 14.3589, 11.4285
YIQ	100.2720, -13.1100, -15.7180

Conversions

Conversions Part 2

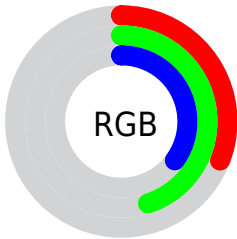
Format	Color
R_{YB}	78, 106, 114
Decimal	5141080
CIE _{Lab}	44.74, -18.75, 10.39
CIE _{LCh}	45, 21.435, 151.013
Yxy	14.3589, 0.2975, 0.3912
Android (android.graphics.Color)	4283331160 (0xFF4E7258)
YUV	100.2720, -6.0501, -19.5325
Hunter-Lab	37.8932, -14.8700, 8.6435

Details

The Hex color **4E7258** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **724E68**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **80A68A**, and **1F422A** is the 20% darker color. If you saturate the color by 10%, you get **437250**, and if you desaturate by 10%, it is **597260**.

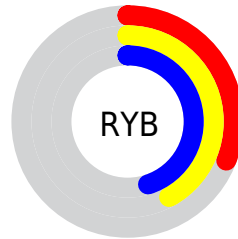
Distribution



Red (31%)

Green (45%)

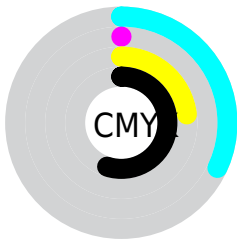
Blue (35%)



Red (31%)

Yellow (42%)

Blue (45%)

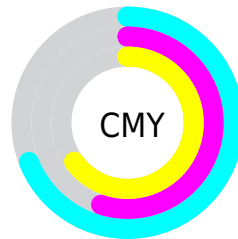


Cyan (32%)

Magenta (0%)

Yellow (23%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7258 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 4E7258 by changing the saturation by 10% instead.



4E7258



4E7258

FFFFFF



365941



80A68A



1F422A



9AC1A4



082B16



B5DDBF



001900



D1FADB



000000



EEFF8



4E7258



4E7258



437250



597260



377248



657268

■ 2C723F

■ 707271

■ 207237

■ 7C7279

■ 15722F

■ 877281

■ 0A7227

■ 927289

■ 007220

■ 9E7292

■ A9729A

■ B572A2

Harmonies

Analogous

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



636E4B



4E7258



3A746A

Triad

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



4E7258



536B8D



8D5E58

Complementary

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



4E7258



724E68

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.



8C5D6A



4E7258



6D6588

Square

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



4E7258



3B7089



815F7B



85634B

Rectangle

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



4E7258



317476



815F7B



8E5D5E

Sweetspot

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



4E7258



87948A



68724E



424A44



C9C9C9



4A4A4A

Same Dimension

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



4E7258



5C946B



4E726A



323834



007821



00F745

Inverse Universe

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



724E68



945C84



724E56



383237



780057



F700B3

Previews

White Background



This preview shows how the Hex color 4E7258 looks on a white background.

Color Contrast Check

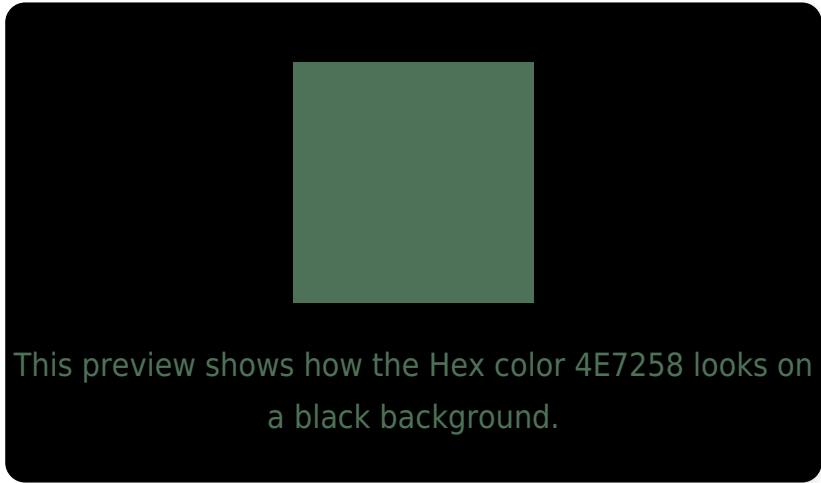
Large Text (above 18pt) WCAG AA ✓ Pass

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

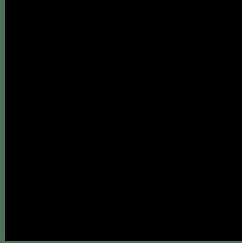
Any Text WCAG AA × Fail

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 4E7258 Background



This preview shows how black text looks on a background with the Hex color 4E7258.



This preview shows how white text looks on a background with the Hex color 4E7258.

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
4E7258

Protanopia
706954

Deuteranopia
79665B



Tritanopia
546E77

Trichromacy



Original Color
4E7258

Protanomaly
646C55

Deuteranomaly
696A5A

Tritanomaly
526F6C

Monochromacy



Original Color
4E7258

Achromatopsia
646464

Achromatomaly
5C6960

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7258 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 #4E7258 looks like.

```
.text, #text, p{  
    color:#4E7258  
}
```

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 #4E7258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7258
}
```

Border

The CSS property to change the border of an element to Hex 4E7258 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".

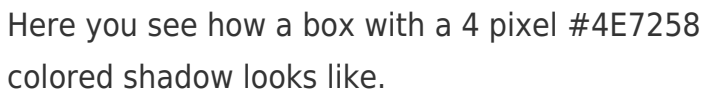
```
.border, #border, table{ border:4px solid
#4E7258 }
```

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

```
.border{ border-color:#4E7258 }
```

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

Here you see how a box with a 4 pixel #4E7258 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7258; -webkit-box-shadow:4px 4px  
4px 4px #4E7258; box-shadow:4px 4px 4px  
4px #4E7258 }
```

Background

The CSS property to change the background color of an element to Hex 4E7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7258 }
```

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

```
.background{ background-color:#4E7258 }
```

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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