

Converting Colors

Hex(4E7D5B)

Have a look what the booklet for
Hex(4E7D5B) contains.

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Color

Hex(4E7D5B)

Conversions

Conversions Part 1

Format	Color
Hex	4E7D5B
RGB	78, 125, 91
RGB Percent	31%, 49%, 36%
CMY	0.6941, 0.5098, 0.6431
CMYK	0.38, 0.00, 0.27, 0.51
HSL	137°, 23%, 40%
HSV	137°, 38%, 49%
XYZ	12.3638, 17.0423, 12.5354
YIQ	107.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

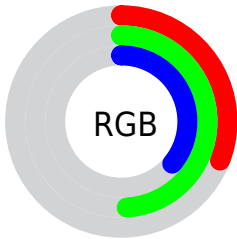
Format	Color
RYB	78, 115, 125
Decimal	5143899
CIELab	48.31, -23.87, 13.59
CIElCh	48, 27.467, 150.345
Yxy	17.0423, 0.2948, 0.4063
Android (android.graphics.Color)	4283333979 (0xFF4E7D5B)
YUV	107.0710, -7.9230, -25.4953
Hunter-Lab	41.2823, -18.7842, 10.8942

Details

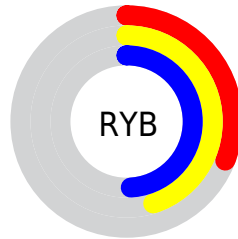
The Hex color **4E7D5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4E70**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **81B28D**, and **1D4C2D** is the 20% darker color. If you saturate the color by 10%, you get **427D52**, and if you desaturate by 10%, it is **5A7D64**.

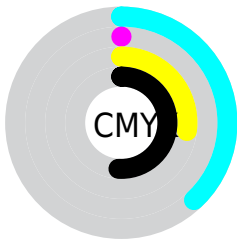
Distribution



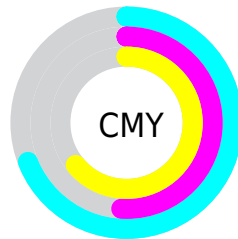
- Red (31%)
- Green (49%)
- Blue (36%)



- Red (31%)
- Yellow (45%)
- Blue (49%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7D5B 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 4E7D5B by changing the saturation by 10% instead.



4E7D5B



4E7D5B

FFFFFF



366443



81B28D



1D4C2D



9BCEA8



033518



B7EAC3



002000



D3FFDF



000000



FFFFFF



4E7D5B



4E7D5B



427D52



5A7D64



357D49



677D6D

 297D40

 747D76

 1C7D37

 807D7F

 107D2E

 8D7D88

 037D25

 997D91

 007D23

 A67D9A

 B27DA3

 BF7DAC

Harmonies

Analogous

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



6A784A



4E7D5B



2F7F72

Triad

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



4E7D5B



5275A1



9F635C

Complementary

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



4E7D5B



7D4E70

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.



9E6173



4E7D5B



766D9B

Square

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



4E7D5B



2A7B9A



90658A



95694B

Rectangle

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



4E7D5B



1B7F82



90658A



A06164

Sweetspot

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



4E7D5B



91A396



707D4E



47524A



D1D1D1



525252

Same Dimension

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



4E7D5B



5AA36E



4E7D72



39403B



008023



000000

Inverse Universe

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



7D4E70



A35A8F



7D4E59



40393E



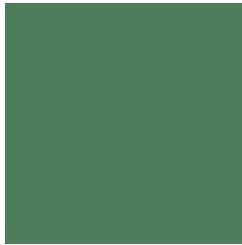
80005C



000000

Previews

White Background



This preview shows how the Hex color 4E7D5B looks on a white background.

Color Contrast Check

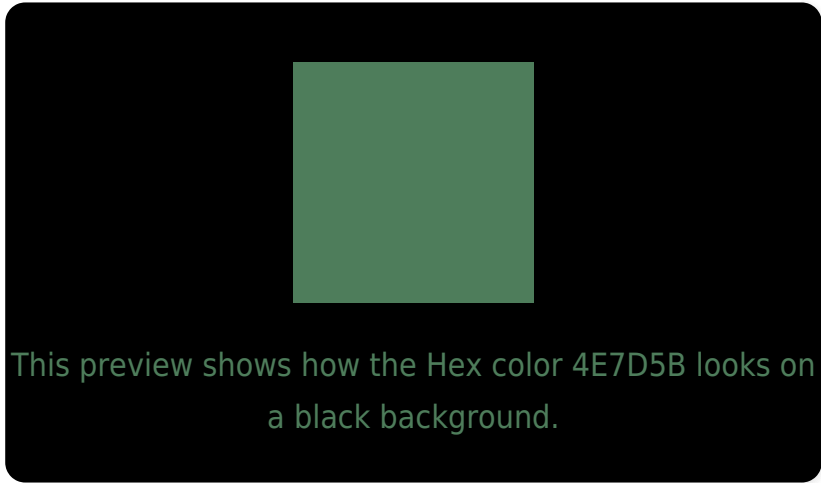
Large Text (above 18pt) WCAG AA ✓ Pass

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

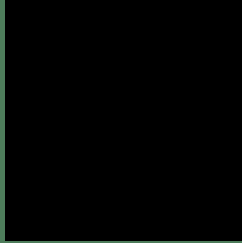
Any Text WCAG AA × Fail

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 4E7D5B Background



This preview shows how black text looks on a background with the Hex color 4E7D5B.



This preview shows how white text looks on a background with the Hex color 4E7D5B.

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
4E7D5B

Protanopia
7A7256

Deuteranopia
846E5E



Tritanopia
567882

Trichromacy



Original Color
4E7D5B

Protanomaly
6A7658

Deuteranomaly
70735D

Tritanomaly
537A74

Monochromacy



Original Color
4E7D5B

Achromatopsia
6B6B6B

Achromatomaly
607265

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7D5B 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 #4E7D5B looks like.

```
.text, #text, p{  
    color:#4E7D5B  
}
```

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 #4E7D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7D5B
}
```

Border

The CSS property to change the border of an element to Hex 4E7D5B 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".

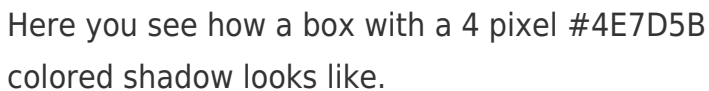
```
.border, #border, table{ border:4px solid
#4E7D5B }
```

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

```
.border{ border-color:#4E7D5B }
```

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

Here you see how a box with a 4 pixel #4E7D5B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7D5B; -webkit-box-shadow:4px 4px  
4px 4px #4E7D5B; box-shadow:4px 4px 4px  
4px #4E7D5B }
```

Background

The CSS property to change the background color of an element to Hex 4E7D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7D5B }
```

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

```
.background{ background-color:#4E7D5B }
```

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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