

Converting Colors

Hex(4E7156)

Have a look what the booklet for
Hex(4E7156) contains.

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Color

Hex(4E7156)

Conversions

Conversions Part 1

Format	Color
Hex	4E7156
RGB	78, 113, 86
RGB Percent	31%, 44%, 34%
CMY	0.6941, 0.5569, 0.6627
CMYK	0.31, 0.00, 0.24, 0.56
HSL	134°, 18%, 37%
HSV	134°, 31%, 44%
XYZ	10.7267, 14.1018, 10.9607
YIQ	99.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

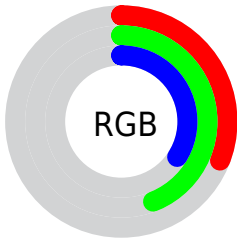
Format	Color
RYB	78, 106, 113
Decimal	5140822
CIELab	44.38, -18.63, 11.06
CIELCh	44, 21.664, 149.288
Yxy	14.1018, 0.2997, 0.3940
Android (android.graphics.Color)	4283330902 (0xFF4E7156)
YUV	99.4570, -6.6343, -18.8178
Hunter-Lab	37.5524, -14.7288, 8.9813

Details

The Hex color **4E7156** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714E69**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **80A588**, and **1F4129** is the 20% darker color. If you saturate the color by 10%, you get **43714D**, and if you desaturate by 10%, it is **59715F**.

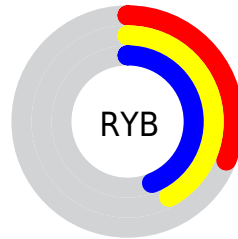
Distribution



Red (31%)

Green (44%)

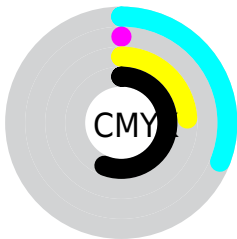
Blue (34%)



Red (31%)

Yellow (42%)

Blue (44%)

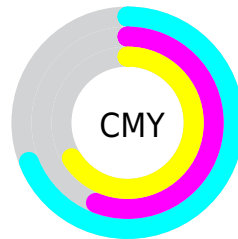


Cyan (31%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7156 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 4E7156 by changing the saturation by 10% instead.



4E7156



4E7156

FFFFFF



36583F



80A588



1F4129



9AC0A2



082A14



B5DCBD



001800



D1F9D9



000000



EEFFF5



4E7156



4E7156



43714D



59715F



377145



657167

■ 2C713C

■ 707170

■ 217133

■ 7B7179

■ 16712A

■ 877182

■ 0A7122

■ 92718A

■ 00711A

■ 9D7193

■ A8719C

■ B471A4

Harmonies

Analogous

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



636D49



4E7156



3A7368

Triad

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



4E7156



506B8D



8C5D58

Complementary

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



4E7156



714E69

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.



8B5C6A



4E7156



6B6488

Square

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



4E7156



387087



7F5F7C



85624B

Rectangle

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



4E7156



307374



7F5F7C



8D5C5E

Sweetspot

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



4E7156



87948A



69714E



424A44



C9C9C9



4A4A4A

Same Dimension

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



4E7156



5D946A



4E7167



323834



00781B



00F739

Inverse Universe

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



714E69



945D87



714E58



383237



78005C



F700BF

Previews

White Background



This preview shows how the Hex color 4E7156 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

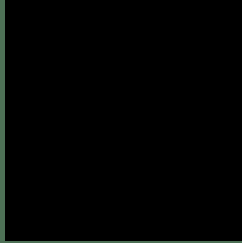
Any Text WCAG AA × Fail

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 4E7156 Background



This preview shows how black text looks on a background with the Hex color 4E7156.



This preview shows how white text looks on a background with the Hex color 4E7156.

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
4E7156

Protanopia
6F6852

Deuteranopia
786559



Tritanopia
546D76

Trichromacy



Original Color
4E7156

Protanomaly
636B53

Deuteranomaly
696958

Tritanomaly
526E6A

Monochromacy



Original Color
4E7156

Achromatopsia
636363

Achromatomaly
5B685E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7156 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 #4E7156 looks like.

```
.text, #text, p{  
    color:#4E7156  
}
```

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 #4E7156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7156  
}
```

Border

The CSS property to change the border of an element to Hex 4E7156 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".

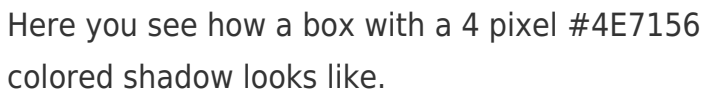
```
.border, #border, table{ border:4px solid  
#4E7156 }
```

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

```
.border{ border-color:#4E7156 }
```

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

Here you see how a box with a 4 pixel #4E7156 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7156; -webkit-box-shadow:4px 4px  
4px 4px #4E7156; box-shadow:4px 4px 4px  
4px #4E7156 }
```

Background

The CSS property to change the background color of an element to Hex 4E7156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7156 }
```

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

```
.background{ background-color:#4E7156 }
```

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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