

Converting Colors

Hex(4E7148)

Have a look what the booklet for
Hex(4E7148) contains.

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Color

Hex(4E7148)

Conversions

Conversions Part 1

Format	Color
Hex	4E7148
RGB	78, 113, 72
RGB Percent	31%, 44%, 28%
CMY	0.6941, 0.5569, 0.7176
CMYK	0.31, 0.00, 0.36, 0.56
HSL	111°, 22%, 36%
HSV	111°, 36%, 44%
XYZ	10.2167, 13.8978, 8.2750
YIQ	97.8610, -7.6990, -20.1710

Conversions

Conversions Part 2

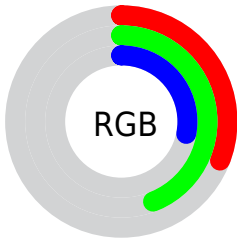
Format	Color
RYB	72, 113, 107
Decimal	5140808
CIELab	44.09, -21.26, 18.88
CIElCh	44, 28.431, 138.387
Yxy	13.8978, 0.3154, 0.4291
Android (android.graphics.Color)	4283330888 (0xFF4E7148)
YUV	97.8610, -12.7495, -17.4181
Hunter-Lab	37.2798, -16.3209, 12.9353

Details

The Hex color **4E7148** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B4871**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **80A579**, and **1F411C** is the 20% darker color. If you saturate the color by 10%, you get **44713D**, and if you desaturate by 10%, it is **587153**.

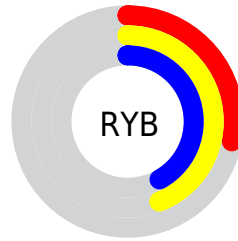
Distribution



 Red (31%)

 Green (44%)

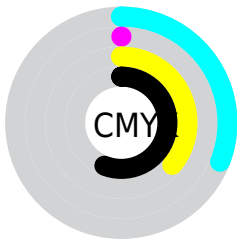
 Blue (28%)



 Red (28%)

 Yellow (44%)

 Blue (42%)

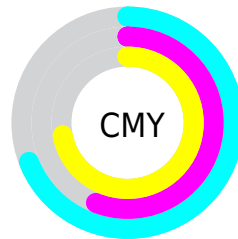


 Cyan (31%)


 Magenta (0%)

 Yellow (36%)

 Black (56%)



 Cyan (69%)

 Magenta (56%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7148 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 4E7148 by changing the saturation by 10% instead.

 4E7148

 4E7148

FFFFFF

 365831

 80A579

 1F411C

 9BC093

 092A03

 B6DCAD

 001700

 D2F9C9

 000000

 EEFFE5

 4E7148

 4E7148

 44713D

 587153

 3B7131

 61715F

■ 317126

■ 6B716A

■ 27711B

■ 757175

■ 1E7110

■ 7E7181

■ 147104

■ 88718C

■ 117100

■ 927197

■ 9B71A2

■ A571AE

Harmonies

Analogous

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



696B3A



4E7148



2E745E

Triad

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



4E7148



336D96



96565B

Complementary

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



4E7148



6B4871

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.



905772



4E7148



5D6695

Square

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



4E7148



00728B



7D5D88



905B46

Rectangle

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



4E7148



0F756E



7D5D88



965562

Sweetspot

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



4E7148



869484



716B48



424A40



C9C9C9



4A4A4A

Same Dimension

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



4E7148



5C9453



487156



333832



127800



24F700

Inverse Universe

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



6B4871



8A5394



714863



373238



660078



D300F7

Previews

White Background



This preview shows how the Hex color 4E7148 looks on a white background.

Color Contrast Check

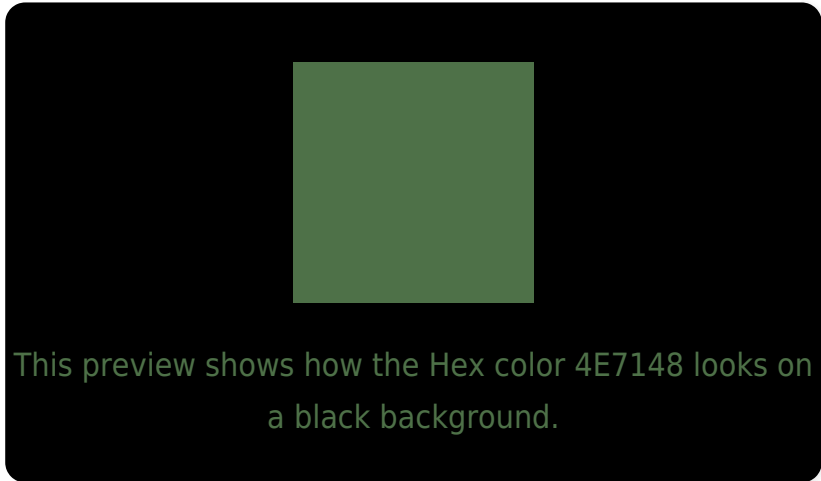
Large Text (above 18pt) WCAG AA ✓ Pass

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

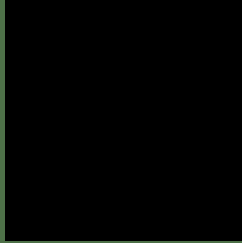
Any Text WCAG AA × Fail

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 4E7148 Background



This preview shows how black text looks on a background with the Hex color 4E7148.



This preview shows how white text looks on a background with the Hex color 4E7148.

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
4E7148

Protanopia
716844

Deuteranopia
7B634B



Tritanopia
566C74

Trichromacy



Original Color
4E7148

Protanomaly
646B45

Deuteranomaly
6B684A

Tritanomaly
536E64

Monochromacy



Original Color
4E7148

Achromatopsia
626262

Achromatomaly
5B6759

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7148 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 #4E7148 looks like.

```
.text, #text, p{  
    color:#4E7148  
}
```

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 #4E7148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7148  
}
```

Border

The CSS property to change the border of an element to Hex 4E7148 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  
#4E7148 }
```

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

```
.border{ border-color:#4E7148 }
```

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

Here you see how a box with a 4 pixel #4E7148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7148; -webkit-box-shadow:4px 4px  
4px 4px #4E7148; box-shadow:4px 4px 4px  
4px #4E7148 }
```

Background

The CSS property to change the background color of an element to Hex 4E7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7148 }
```

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

```
.background{ background-color:#4E7148 }
```

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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