

Converting Colors

Hex(4E7249)

Have a look what the booklet for
Hex(4E7249) contains.

Hex(4E7249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E7249)

Conversions

Conversions Part 1

Format	Color
Hex	4E7249
RGB	78, 114, 73
RGB Percent	31%, 45%, 29%
CMY	0.6941, 0.5529, 0.7137
CMYK	0.32, 0.00, 0.36, 0.55
HSL	113°, 22%, 37%
HSV	113°, 36%, 45%
XYZ	10.3618, 14.1354, 8.4856
YIQ	98.5620, -8.2950, -20.3830

Conversions

Conversions Part 2

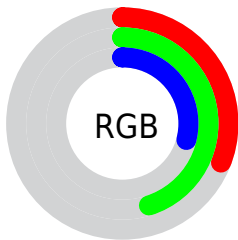
Format	Color
R_{YB}	73, 114, 109
Decimal	5141065
CIE _{Lab}	44.43, -21.60, 18.75
CIE _{LCh}	44, 28.608, 139.037
Yxy	14.1354, 0.3142, 0.4286
Android (android.graphics.Color)	4283331145 (0xFF4E7249)
YUV	98.5620, -12.6021, -18.0329
Hunter-Lab	37.5970, -16.5999, 12.9362

Details


The Hex color **4E7249** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D4972**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80A67A**, and **1F421C** is the 20% darker color. If you saturate the color by 10%, you get **44723E**, and if you desaturate by 10%, it is **587254**.

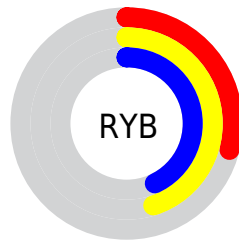
Distribution



 Red (31%)

 Green (45%)

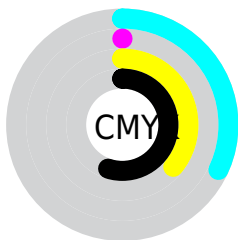
 Blue (29%)




 Red (29%)

 Yellow (45%)

 Blue (43%)

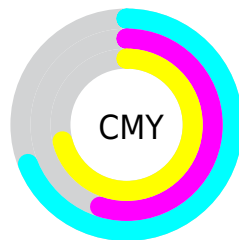


 Cyan (32%)

 Magenta (0%)

 Yellow (36%)

 Black (55%)



 Cyan (69%)

 Magenta (55%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7249 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 4E7249 by changing the saturation by 10% instead.

 4E7249

 4E7249

FFFFFF

 365932

 80A67A

 1F421C

 9BC194

 082B05

 B6DDAF

 001800

 D2FACA

 000000

 EEFFE6

 4E7249

 4E7249

 44723E

 587254

 3A7232

 627260

 307227

 6C726B

 26721B

 767277

 1C7210

 807282

 127205

 8A728D

 0E7200

 947299

 9E72A4

 A872B0

Harmonies

Analogous

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



696C3B



4E7249



2D755F

Triad

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



4E7249



346E97



97575B

Complementary

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



4E7249



6D4972

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.



915773



4E7249



5F6696

Square

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



4E7249



00738C



7E5D88



905C46

Rectangle

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



4E7249



0D7670



7E5D88



975663

Sweetspot

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



4E7249



869484



726D49



424A40



C9C9C9



4A4A4A

Same Dimension

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



4E7249



5C9454



497258



333832



0F7800



1EF700

Inverse Universe

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



6D4972



8C5494



724963



373238



690078



D900F7

Previews

White Background



This preview shows how the Hex color 4E7249 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

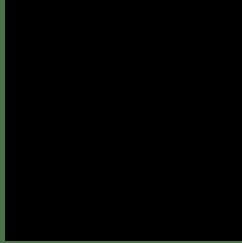
Any Text WCAG AA × Fail

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 4E7249 Background



This preview shows how black text looks on a background with the Hex color 4E7249.



This preview shows how white text looks on a background with the Hex color 4E7249.

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
4E7249

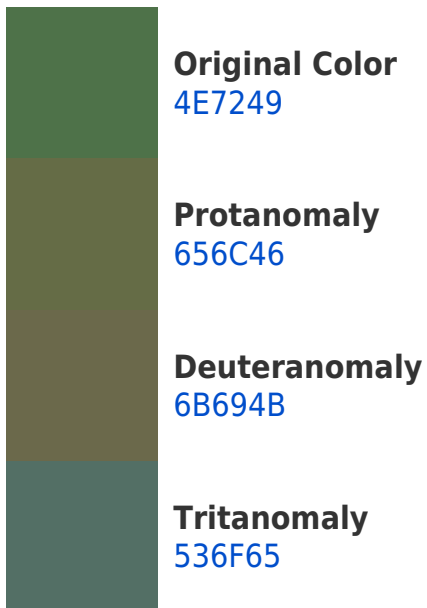
Protanopia
726945

Deuteranopia
7C644C

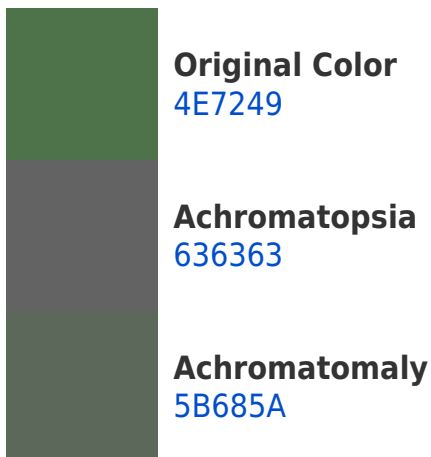


Tritanopia
566D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7249 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 #4E7249 looks like.

```
.text, #text, p{  
    color:#4E7249  
}
```

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 #4E7249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7249
}
```

Border

The CSS property to change the border of an element to Hex 4E7249 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
#4E7249 }
```

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

```
.border{ border-color:#4E7249 }
```

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

Here you see how a box with a 4 pixel #4E7249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7249; -webkit-box-shadow:4px 4px  
4px 4px #4E7249; box-shadow:4px 4px 4px  
4px #4E7249 }
```

Background

The CSS property to change the background color of an element to Hex 4E7249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7249 }
```

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

```
.background{ background-color:#4E7249 }
```

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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