

Converting Colors

Hex(4E5746)

Have a look what the booklet for
Hex(4E5746) contains.

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Color

Hex(4E5746)

Conversions

Conversions Part 1

Format	Color
Hex	4E5746
RGB	78, 87, 70
RGB Percent	31%, 34%, 27%
CMY	0.6941, 0.6588, 0.7255
CMYK	0.10, 0.00, 0.20, 0.66
HSL	92°, 11%, 31%
HSV	92°, 20%, 34%
XYZ	7.6556, 8.8783, 7.1045
YIQ	82.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

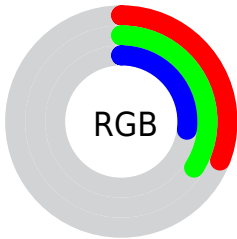
Format	Color
R_{YB}	70, 87, 79
Decimal	5134150
CIE Lab	35.75, -7.12, 8.71
CIE LCh	36, 11.248, 129.296
Yxy	8.8783, 0.3239, 0.3756
Android (android.graphics.Color)	4283324230 (0xFF4E5746)
YUV	82.3710, -6.0989, -3.8334
Hunter-Lab	29.7965, -6.2820, 6.7207

Details

The Hex color **4E5746** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F4657**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7F8976**, and **222A1B** is the 20% darker color. If you saturate the color by 10%, you get **49573D**, and if you desaturate by 10%, it is **53574F**.

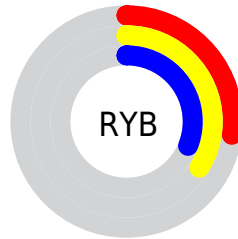
Distribution



Red (31%)

Green (34%)

Blue (27%)



Red (27%)

Yellow (34%)

Blue (31%)

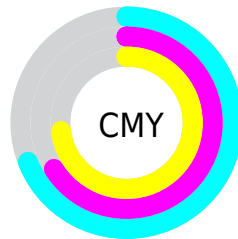


Cyan (10%)

Magenta (0%)

Yellow (20%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5746 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 4E5746 by changing the saturation by 10% instead.



4E5746



4E5746

FFFFFF



374030



7F8976



222A1B



99A390



0C1600



B4BEAA



000000



CFDAC6



ECF6E2

FFFFFFE



4E5746



4E5746



49573D



53574F

■ 455735

■ 575757

■ 40572C

■ 5C5760

■ 3C5723

■ 605769

■ 37571B

■ 655772

■ 325712

■ 6A577A

■ 2E5709

■ 6E5783

■ 295700

■ 73578C

■ 775794

Harmonies

Analogous

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



585442



4E5746



44594D

Triad

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



4E5746



425765



674E52

Complementary

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



4E5746



4F4657

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.



624F5B



4E5746



4E5466

Square

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



4E5746



3C595F



595162



664F49

Rectangle

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



4E5746



3F5954



595162



664E55

Sweetspot

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



4E5746



6D7069



574F46



363834



B8B8B8



383838

Same Dimension

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



4E5746



637056



465746



292B27



326B00



6EEB00

Inverse Universe

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



4F4657



645670



574657



29272B



39006B



7C00EB

Previews

White Background



This preview shows how the Hex color 4E5746 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

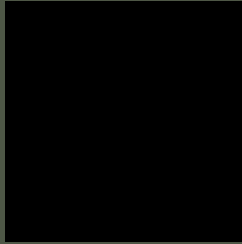
Any Text WCAG AA × Fail

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 4E5746 Background



This preview shows how black text looks on a background with the Hex color 4E5746.

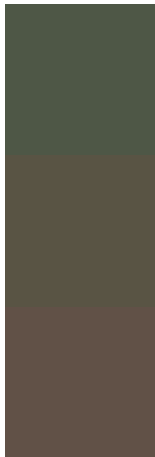


This preview shows how white text looks on a background with the Hex color 4E5746.

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
4E5746

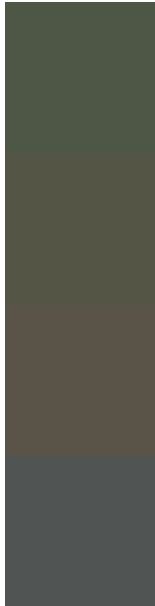
Protanopia
595444

Deuteranopia
615147



Tritanopia
51545B

Trichromacy



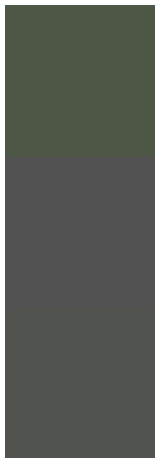
Original Color
4E5746

Protanomaly
555545

Deuteranomaly
5A5347

Tritanomaly
505553

Monochromacy



Original Color
4E5746

Achromatopsia
525252

Achromatomaly
51544E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5746 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 #4E5746 looks like.

```
.text, #text, p{  
    color:#4E5746  
}
```

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 #4E5746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5746
}
```

Border

The CSS property to change the border of an element to Hex 4E5746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

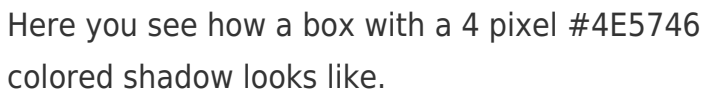
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5746 }
```

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

```
.border{ border-color:#4E5746 }
```

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



Here you see how a box with a 4 pixel #4E5746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5746; -webkit-box-shadow:4px 4px  
4px 4px #4E5746; box-shadow:4px 4px 4px  
4px #4E5746 }
```

Background

The CSS property to change the background color of an element to Hex 4E5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5746 }
```

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

```
.background{ background-color:#4E5746 }
```

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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