

# Converting Colors

Hex(4E5130)

Have a look what the booklet for  
Hex(4E5130) contains.

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# Color

**Hex(4E5130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5130
RGB	78, 81, 48
RGB Percent	31%, 32%, 19%
CMY	0.6941, 0.6824, 0.8118
CMYK	0.04, 0.00, 0.41, 0.68
HSL	65°, 26%, 25%
HSV	65°, 41%, 32%
XYZ	6.6178, 7.7180, 3.9372
YIQ	76.3410, 8.8050, -10.8990

# Conversions

## Conversions Part 2

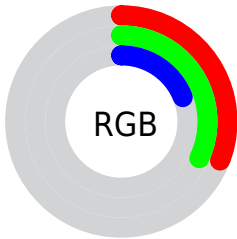
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 81, 51
Decimal	5132592
CIE Lab	33.39, -7.18, 19.02
CIE LCh	33, 20.328, 110.696
Yxy	7.7180, 0.3622, 0.4224
Android (android.graphics.Color)	4283322672 (0xFF4E5130)
YUV	76.3410, -13.9721, 1.4549
Hunter-Lab	27.7812, -6.0963, 11.0441

# Details

The Hex color **4E5130** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333051**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **80825F**, and **222401** is the 20% darker color. If you saturate the color by 10%, you get **4D5128**, and if you desaturate by 10%, it is **4F5138**.

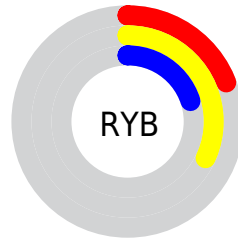
# Distribution



Red (31%)

Green (32%)

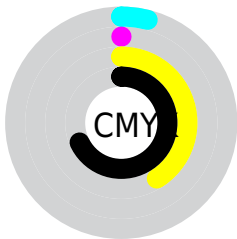
Blue (19%)



Red (19%)

Yellow (32%)

Blue (20%)

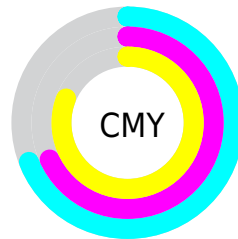


Cyan (4%)

Magenta (0%)

Yellow (41%)

Black (68%)



Cyan (69%)

Magenta (68%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5130 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 4E5130 by changing the saturation by 10% instead.





4E5130



4E5130

FFFFFF



373A1B



80825F



222401



9A9C77



001000



B5B791



000000



D1D3AC



EDEF C7



FFFFE3



4E5130



4E5130



4D5128



4F5138

■ 4D5120

■ 4F5140

■ 4C5118

■ 505148

■ 4B5110

■ 515150

■ 4A5108

■ 525159

■ 4A5100

■ 525161

■ 535169

■ 545171

■ 555179

# Harmonies

## Analogous

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



5E4C2F



4E5130



3C553A

# Triad

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



4E5130



175567



6B4354

# Complementary

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



4E5130



333051

# 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.



5E4663



4E5130



30526E

# Square

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



4E5130



155759



494C6C



6E4344

# Rectangle

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



4E5130



2E5643



494C6C



67445A



# Sweetspot

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



4E5130



67695C



513330



35362E



B5B5B5



363636



# Same Dimension

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



4E5130



646935



3E5130



282925



5F6900



D3E800



# Inverse Universe

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



333051



3A3569



433051



252529



0A0069



1500E8



# Previews

## White Background



This preview shows how the Hex color 4E5130 looks on a white background.

## Color Contrast Check

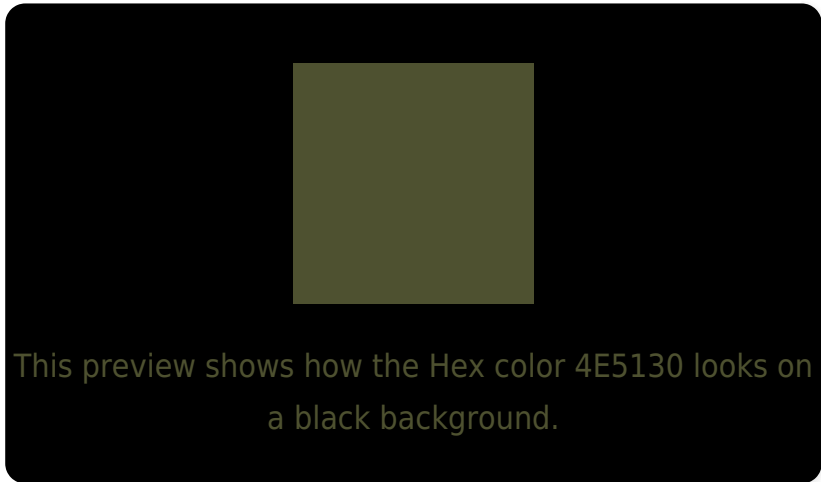
Large Text (above 18pt) WCAG AA ✓ Pass

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

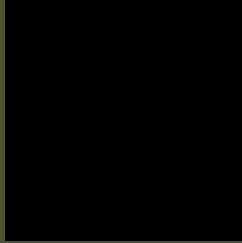
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E5130 Background



This preview shows how black text looks on a background with the Hex color 4E5130.



This preview shows how white text looks on a background with the Hex color 4E5130.

# 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**  
4E5130

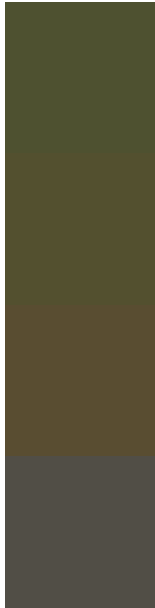
**Protanopia**  
564F2F

**Deuteranopia**  
5F4B31



**Tritanopia**  
524D53

# Trichromacy



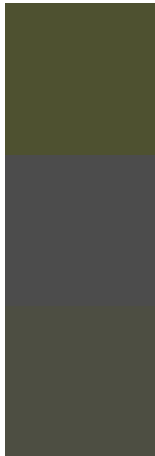
**Original Color**  
4E5130

**Protanomaly**  
53502F

**Deuteranomaly**  
594D31

**Tritanomaly**  
514E46

# Monochromacy



**Original Color**  
4E5130

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4D4E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5130 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 #4E5130 looks like.

```
.text, #text, p{  
    color:#4E5130  
}
```

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 #4E5130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5130
}
```

## Border

The CSS property to change the border of an element to Hex 4E5130 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
#4E5130 }
```

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

```
.border{ border-color:#4E5130 }
```

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

Here you see how a box with a 4 pixel #4E5130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5130; -webkit-box-shadow:4px 4px  
4px 4px #4E5130; box-shadow:4px 4px 4px  
4px #4E5130 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5130 }
```

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

```
.background{ background-color:#4E5130 }
```

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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