

# Converting Colors

Hex(4E5536)

Have a look what the booklet for  
Hex(4E5536) contains.

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# Color

**Hex(4E5536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5536
RGB	78, 85, 54
RGB Percent	31%, 33%, 21%
CMY	0.6941, 0.6667, 0.7882
CMYK	0.08, 0.00, 0.36, 0.67
HSL	74°, 22%, 27%
HSV	74°, 36%, 33%
XYZ	7.0562, 8.3830, 4.7362
YIQ	79.3730, 5.7790, -11.1250

# Conversions

## Conversions Part 2

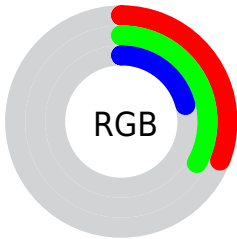
Format	Color
<b>RYB</b>	54, 85, 61
Decimal	5133622
CIELab	34.77, -8.69, 17.19
CIElCh	35, 19.263, 116.801
Yxy	8.3830, 0.3497, 0.4155
Android (android.graphics.Color)	4283323702 (0xFF4E5536)
YUV	79.3730, -12.5089, -1.2041
Hunter-Lab	28.9535, -7.1664, 10.5688

# Details

The Hex color **4E5536** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D3655**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **808765**, and **21280A** is the 20% darker color. If you saturate the color by 10%, you get **4C552E**, and if you desaturate by 10%, it is **50553E**.

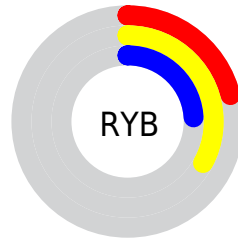
# Distribution



Red (31%)

Green (33%)

Blue (21%)



Red (21%)

Yellow (33%)

Blue (24%)

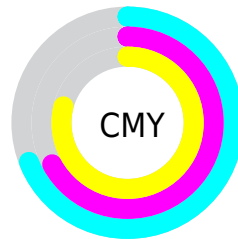


Cyan (8%)

Magenta (0%)

Yellow (36%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5536 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 4E5536 by changing the saturation by 10% instead.





4E5536



4E5536

FFFFFF



373E20



808765



21280A



9AA17E



041400



B5BC98



000000



D0D8B3



EDF4CF



FFFEB



4E5536



4E5536



4C552E



50553E

■ 4A5525

■ 525547

■ 48551C

■ 54554F

■ 465514

■ 565558

■ 44550B

■ 585560

■ 425503

■ 5A5569

■ 425500

■ 5B5572

■ 5D557A

■ 5F5582

# Harmonies

## Analogous

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



5E5033



4E5536



3C5841

# Triad

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



4E5536



25586B



6E4654

# Complementary

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



4E5536



3D3655

# 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.



644963



4E5536



3A5470

# Square

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



4E5536



1E5A5F



524E6D



704745

# Rectangle

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



4E5536



305A4A



524E6D



6C4759



# Sweetspot

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



4E5536



6B6E62



553D36



363831



B8B8B8



383838



# Same Dimension

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



4E5536



636E3D



3F5536



2A2B27



536B00



B6EB00



# Inverse Universe

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



3D3655



483D6E



4C3655



28272B



18006B



3500EB



# Previews

## White Background



This preview shows how the Hex color 4E5536 looks on a white background.

## Color Contrast Check

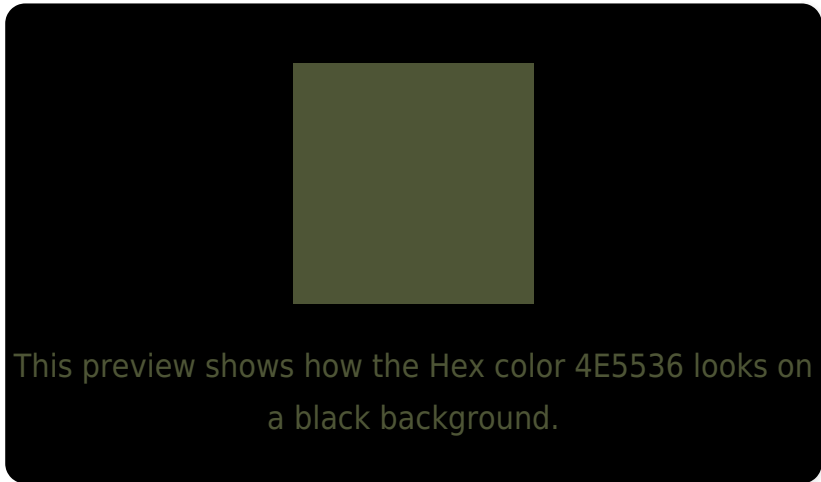
Large Text (above 18pt) WCAG AA ✓ Pass

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

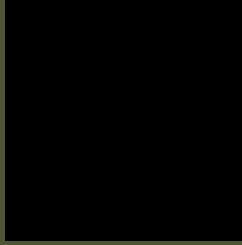
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E5536 Background



This preview shows how black text looks on a background with the Hex color 4E5536.



This preview shows how white text looks on a background with the Hex color 4E5536.

# 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**  
4E5536

**Protanopia**  
595235

**Deuteranopia**  
624E38



**Tritanopia**  
525157

# Trichromacy



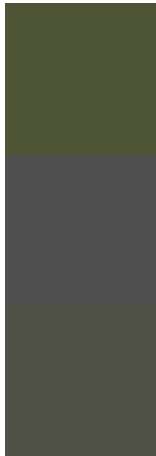
**Original Color**  
4E5536

**Protanomaly**  
555335

**Deuteranomaly**  
5B5137

**Tritanomaly**  
51524B

# Monochromacy



**Original Color**  
4E5536

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
4F5146

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5536 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 #4E5536 looks like.

```
.text, #text, p{  
    color:#4E5536  
}
```

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 #4E5536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5536
}
```

## Border

The CSS property to change the border of an element to Hex 4E5536 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".

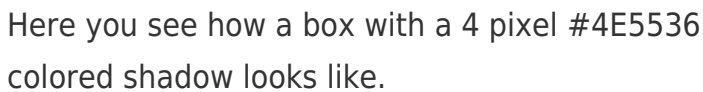
```
.border, #border, table{ border:4px solid
#4E5536 }
```

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

```
.border{ border-color:#4E5536 }
```

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

Here you see how a box with a 4 pixel #4E5536 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5536; -webkit-box-shadow:4px 4px  
4px 4px #4E5536; box-shadow:4px 4px 4px  
4px #4E5536 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5536 }
```

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

```
.background{ background-color:#4E5536 }
```

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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