

# Converting Colors

Hex(4E5523)

Have a look what the booklet for  
Hex(4E5523) contains.

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# Color

Hex(4E5523)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5523
RGB	78, 85, 35
RGB Percent	31%, 33%, 14%
CMY	0.6941, 0.6667, 0.8627
CMYK	0.08, 0.00, 0.59, 0.67
HSL	68°, 42%, 24%
HSV	68°, 59%, 33%
XYZ	6.6938, 8.2380, 2.8274
YIQ	77.2070, 11.8780, -17.0340

# Conversions

## Conversions Part 2

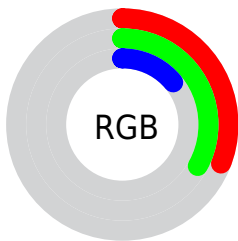
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 85, 42
Decimal	5133603
CIELab	34.47, -11.08, 27.80
CIELCh	34, 29.925, 111.728
Yxy	8.2380, 0.3769, 0.4639
Android (android.graphics.Color)	4283323683 (0xFF4E5523)
YUV	77.2070, -20.8081, 0.6955
Hunter-Lab	28.7020, -8.5995, 14.2508

# Details

The Hex color **4E5523** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A2355**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **808751**, and **212800** is the 20% darker color. If you saturate the color by 10%, you get **4D551B**, and if you desaturate by 10%, it is **4F552C**.

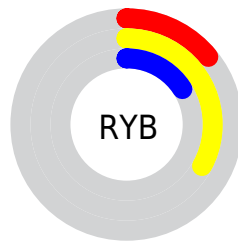
# Distribution



Red (31%)

Green (33%)

Blue (14%)



Red (14%)

Yellow (33%)

Blue (16%)

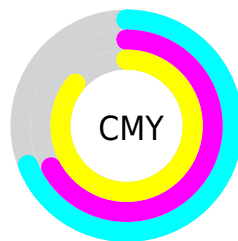


Cyan (8%)

Magenta (0%)

Yellow (59%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5523 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 4E5523 by changing the saturation by 10% instead.





4E5523



4E5523

FFFFFF



363E0C



808751



212800



9BA16A



001500



B6BC84



000000



D2D79E



EFF4B9



FFFFD5



FFFFF1



4E5523



4E5523

■ 4D551B

■ 4F552C

■ 4C5512

■ 505534

■ 4A550A

■ 52553D

■ 495501

■ 535545

■ 495500

■ 54554E

■ 555556

■ 56555E

■ 585567

■ 595570

# Harmonies

## Analogous

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



654D21



4E5523



325A33

# Triad

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



4E5523



005B76



7A3E59

# Complementary

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



4E5523



2A2355

# 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.



68446F



4E5523



0F5680

# Square

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



4E5523



005D62



484D7D



7E3E41

# Rectangle

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



4E5523



175C41



484D7D



753F61



# Sweetspot

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



4E5523



6B6E5A



552A23



36382C



B8B8B8



383838



# Same Dimension

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



4E5523



636E20



355523



2B2B27



5C6B00



CAEB00



# Inverse Universe

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



2A2355



2B206E



432355



28272B



0F006B



2100EB



# Previews

## White Background



This preview shows how the Hex color 4E5523 looks on a white background.

## Color Contrast Check

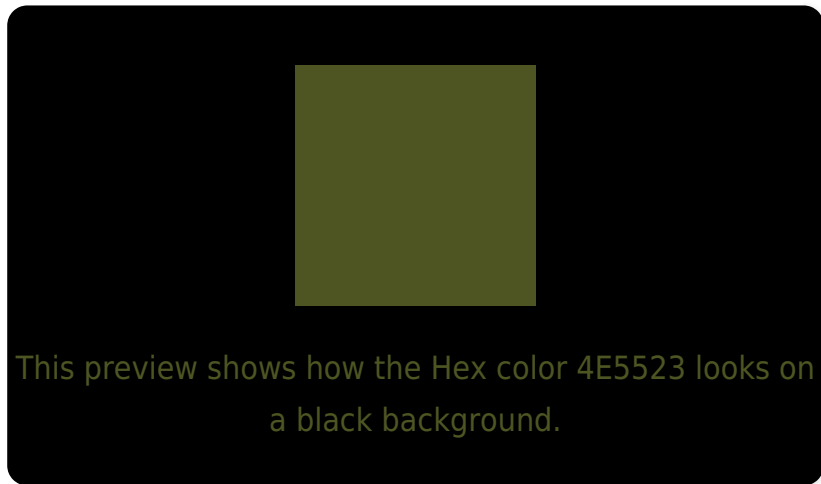
Large Text (above 18pt) WCAG AA ✓ Pass

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

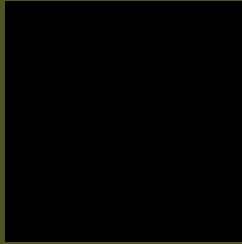
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E5523 Background



This preview shows how black text looks on a background with the Hex color 4E5523.



This preview shows how white text looks on a background with the Hex color 4E5523.

# 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**  
4E5523

**Protanopia**  
5A5122

**Deuteranopia**  
644D25



**Tritanopia**  
535056

# Trichromacy



**Original Color**  
4E5523

**Protanomaly**  
565222

**Deuteranomaly**  
5C5024

**Tritanomaly**  
515243

# Monochromacy



**Original Color**  
4E5523

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4D503E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5523 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 #4E5523 looks like.

```
.text, #text, p{  
    color:#4E5523  
}
```

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 #4E5523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5523  
}
```

## Border

The CSS property to change the border of an element to Hex 4E5523 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  
#4E5523 }
```

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

```
.border{ border-color:#4E5523 }
```

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

Here you see how a box with a 4 pixel #4E5523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5523; -webkit-box-shadow:4px 4px  
4px 4px #4E5523; box-shadow:4px 4px 4px  
4px #4E5523 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5523 }
```

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

```
.background{ background-color:#4E5523 }
```

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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