

Converting Colors

Hex(4E5A31)

Have a look what the booklet for
Hex(4E5A31) contains.

Hex(4E5A31)	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(4E5A31)

Conversions

Conversions Part 1

Format	Color
Hex	4E5A31
RGB	78, 90, 49
RGB Percent	31%, 35%, 19%
CMY	0.6941, 0.6471, 0.8078
CMYK	0.13, 0.00, 0.46, 0.65
HSL	78°, 29%, 27%
HSV	78°, 46%, 35%
XYZ	7.3524, 9.1538, 4.2851
YIQ	81.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

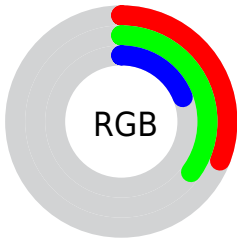
Format	Color
R _Y B	49, 90, 61
Decimal	5134897
CIE Lab	36.28, -12.30, 22.11
CIE LCh	36, 25.296, 119.084
Yxy	9.1538, 0.3536, 0.4403
Android (android.graphics.Color)	4283324977 (0xFF4E5A31)
YUV	81.7380, -16.1398, -3.2782
Hunter-Lab	30.2552, -9.5687, 12.7814

Details

The Hex color **4E5A31** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D315A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **808C60**, and **212C03** is the 20% darker color. If you saturate the color by 10%, you get **4B5A28**, and if you desaturate by 10%, it is **515A3A**.

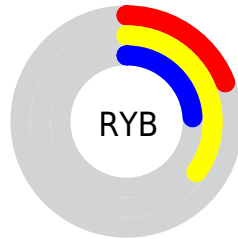
Distribution



Red (31%)

Green (35%)

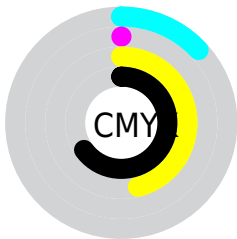
Blue (19%)



Red (19%)

Yellow (35%)

Blue (24%)

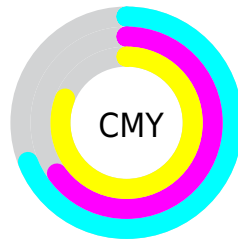


Cyan (13%)

Magenta (0%)

Yellow (46%)

Black (65%)



Cyan (69%)

Magenta (65%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A31 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 4E5A31 by changing the saturation by 10% instead.



4E5A31



4E5A31

FFFFFF



37431B



808C60



212C03



9AA679



031900



B5C293



000000



D1DDAE



EDFAC9



FFFFE5



4E5A31



4E5A31



4B5A28



515A3A

■ 495A1F

■ 535A43

■ 465A16

■ 565A4C

■ 435A0D

■ 595A55

■ 415A04

■ 5B5A5E

■ 405A00

■ 5E5A67

■ 605A70

■ 635A79

■ 665A82

Harmonies

Analogous

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



63542C



4E5A31



355E40

Triad

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



4E5A31



015D78



7B4557

Complementary

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



4E5A31



3D315A

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.



6E496A



4E5A31



35587E

Square

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



4E5A31



006068



565079



7C4743

Rectangle

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



4E5A31



22604D



565079



78465E

Sweetspot

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



4E5A31



707565



5A3D31



383B31



BABABA



3B3B3B

Same Dimension

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



4E5A31



627535



3A5A31



2D2E29



4E6E00



A8ED00

Inverse Universe

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



3D315A



483575



51315A



2B292E



20006E



4500ED

Previews

White Background



This preview shows how the Hex color 4E5A31 looks on a white background.

Color Contrast Check

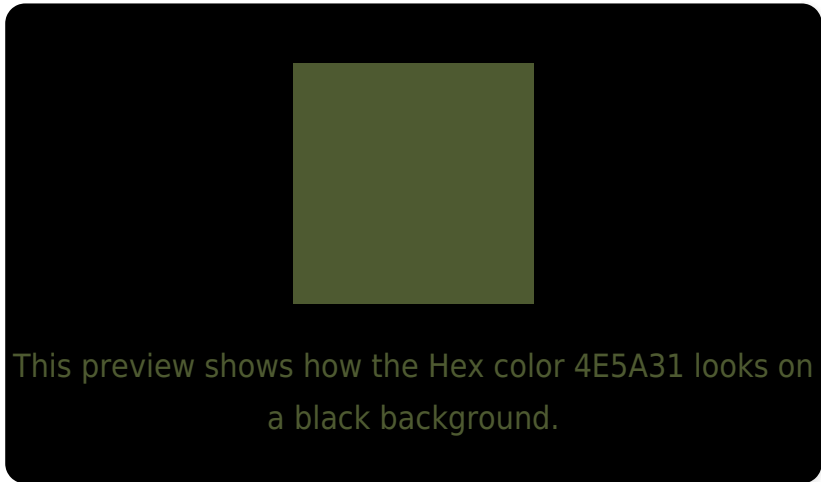
Large Text (above 18pt) WCAG AA ✓ Pass

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

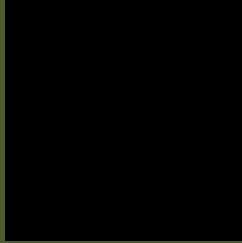
Any Text WCAG AA × Fail

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 4E5A31 Background



This preview shows how black text looks on a background with the Hex color 4E5A31.



This preview shows how white text looks on a background with the Hex color 4E5A31.

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](#).

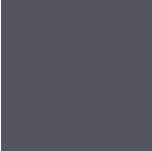
Dichromacy



Original Color
4E5A31

Protanopia
5E552F

Deuteranopia
675133



Tritanopia
53555C

Trichromacy



Original Color
4E5A31

Protanomaly
585730

Deuteranomaly
5E5432

Tritanomaly
51574C

Monochromacy



Original Color
4E5A31

Achromatopsia
525252

Achromatomaly
515546

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5A31 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 #4E5A31 looks like.

```
.text, #text, p{  
    color:#4E5A31  
}
```

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 #4E5A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A31
}
```

Border

The CSS property to change the border of an element to Hex 4E5A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

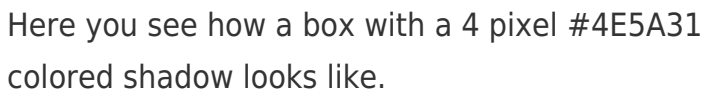
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5A31 }
```

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

```
.border{ border-color:#4E5A31 }
```

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



Here you see how a box with a 4 pixel #4E5A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A31; -webkit-box-shadow:4px 4px  
4px 4px #4E5A31; box-shadow:4px 4px 4px  
4px #4E5A31 }
```

Background

The CSS property to change the background color of an element to Hex 4E5A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A31 }
```

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

```
.background{ background-color:#4E5A31 }
```

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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