

Converting Colors

Hex(485E33)

Have a look what the booklet for
Hex(485E33) contains.

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Color

Hex(485E33)

Conversions

Conversions Part 1

Format	Color
Hex	485E33
RGB	72, 94, 51
RGB Percent	28%, 37%, 20%
CMY	0.7176, 0.6314, 0.8000
CMYK	0.23, 0.00, 0.46, 0.63
HSL	91°, 30%, 28%
HSV	91°, 46%, 37%
XYZ	7.2727, 9.6221, 4.6059
YIQ	82.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

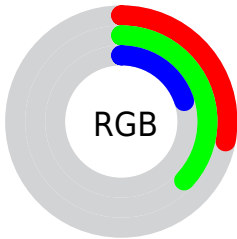
Format	Color
RYB	51, 94, 73
Decimal	4742707
CIELab	37.16, -16.85, 21.96
CIELCh	37, 27.679, 127.495
Yxy	9.6221, 0.3383, 0.4475
Android (android.graphics.Color)	4282932787 (0xFF485E33)
YUV	82.5200, -15.5394, -9.2260
Hunter-Lab	31.0196, -12.4338, 12.9101

Details

The Hex color **485E33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49335E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7A9062**, and **1B3006** is the 20% darker color. If you saturate the color by 10%, you get **435E2A**, and if you desaturate by 10%, it is **4D5E3C**.

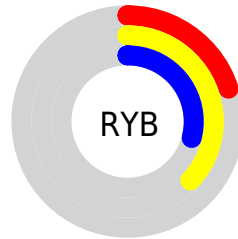
Distribution



Red (28%)

Green (37%)

Blue (20%)



Red (20%)

Yellow (37%)

Blue (29%)

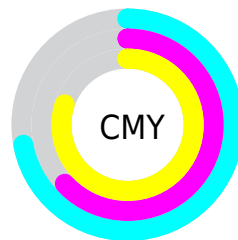


Cyan (23%)

Magenta (0%)

Yellow (46%)

Black (63%)



Cyan (72%)

Magenta (63%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 485E33 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 485E33 by changing the saturation by 10% instead.



485E33



485E33

FFFFFF



31461D



7A9062



1B3006



94AB7B



001C00



AEC695



000000



CAE2B0



E6FFCC



FFFFE8



485E33



485E33



435E2A



4D5E3C

■ 3E5E20

■ 525E46

■ 3A5E17

■ 565E4F

■ 355E0D

■ 5B5E59

■ 305E04

■ 605E62

■ 2E5E00

■ 655E6B

■ 6A5E75

■ 6E5E7E

■ 735E88

Harmonies

Analogous

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



60582A



485E33



2B6246

Triad

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



485E33



005E80



824553

Complementary

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



485E33



49335E

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.



784869



485E33



3E5883

Square

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



485E33



006272



614F7B



7F493D

Rectangle

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



485E33



0B6355



614F7B



80455A

Sweetspot

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



485E33



727A69



5E4933



383D33



BDBDBD



3D3D3D

Same Dimension

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



485E33



587A37



335E33



2C2E29



366E00



74ED00

Inverse Universe

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



49335E



5A377A



5E335E



2C292E



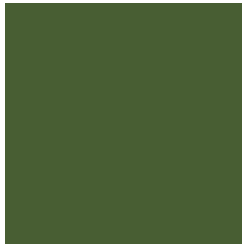
38006E



7900ED

Previews

White Background



This preview shows how the Hex color 485E33 looks on a white background.

Color Contrast Check

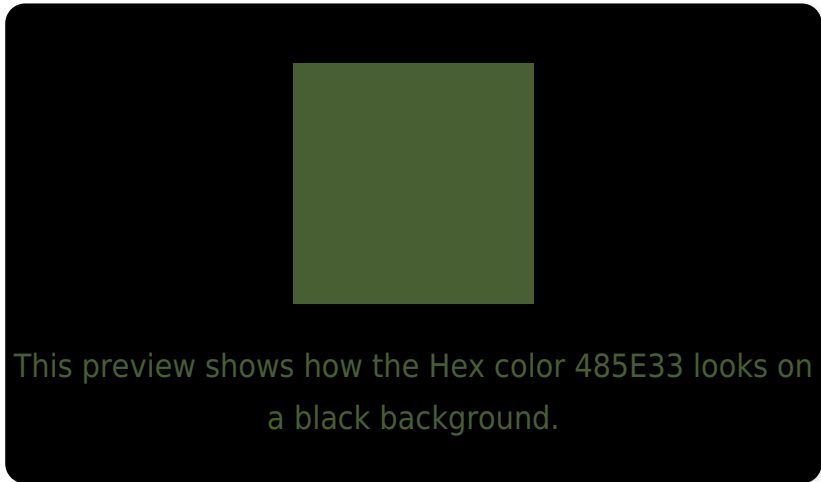
Large Text (above 18pt) WCAG AA ✓ Pass

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

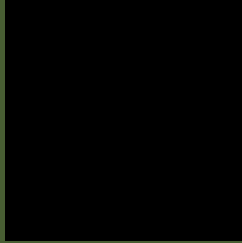
Any Text WCAG AA × Fail

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 485E33 Background



This preview shows how black text looks on a background with the Hex color 485E33.



This preview shows how white text looks on a background with the Hex color 485E33.

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
485E33

Protanopia
605731

Deuteranopia
6A5336



Tritanopia
4F5960

Trichromacy



Original Color
485E33

Protanomaly
575A32

Deuteranomaly
5E5735

Tritanomaly
4C5B50

Monochromacy



Original Color
485E33

Achromatopsia
535353

Achromatomaly
4F5747

CSS Examples

Text

The CSS property to change the color of the text to Hex 485E33 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 #485E33 looks like.

```
.text, #text, p{  
    color:#485E33  
}
```

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 #485E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485E33
}
```

Border

The CSS property to change the border of an element to Hex 485E33 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".

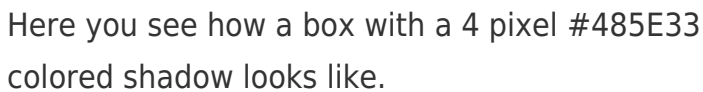
```
.border, #border, table{ border:4px solid
#485E33 }
```

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

```
.border{ border-color:#485E33 }
```

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

Here you see how a box with a 4 pixel #485E33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485E33; -webkit-box-shadow:4px 4px  
4px 4px #485E33; box-shadow:4px 4px 4px  
4px #485E33 }
```

Background

The CSS property to change the background color of an element to Hex 485E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485E33 }
```

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

```
.background{ background-color:#485E33 }
```

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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