

Converting Colors

Hex(4D5830)

Have a look what the booklet for
Hex(4D5830) contains.

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Color

Hex(4D5830)

Conversions

Conversions Part 1

Format	Color
Hex	4D5830
RGB	77, 88, 48
RGB Percent	30%, 35%, 19%
CMY	0.6980, 0.6549, 0.8118
CMYK	0.12, 0.00, 0.45, 0.65
HSL	77°, 29%, 27%
HSV	77°, 45%, 35%
XYZ	7.0838, 8.7706, 4.1159
YIQ	80.1510, 6.2840, -14.7720

Conversions

Conversions Part 2

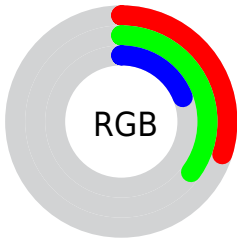
Format	Color
RYB	48, 88, 59
Decimal	5068848
CIELab	35.54, -11.73, 21.74
CIElCh	36, 24.703, 118.360
Yxy	8.7706, 0.3547, 0.4392
Android (android.graphics.Color)	4283258928 (0xFF4D5830)
YUV	80.1510, -15.8504, -2.7634
Hunter-Lab	29.6152, -9.1305, 12.4907

Details

The Hex color **4D5830** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3058**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7F8A5F**, and **202B01** is the 20% darker color. If you saturate the color by 10%, you get **4B5827**, and if you desaturate by 10%, it is **4F5839**.

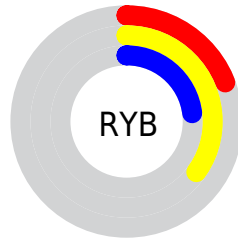
Distribution



Red (30%)

Green (35%)

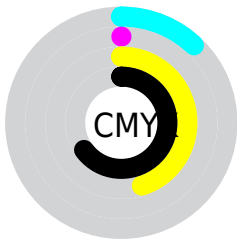
Blue (19%)



Red (19%)

Yellow (35%)

Blue (23%)

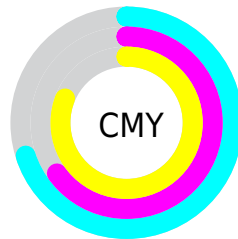


Cyan (12%)

Magenta (0%)

Yellow (45%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5830 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 4D5830 by changing the saturation by 10% instead.

 4D5830

 4D5830

FFFFFF

 36411A

 7F8A5F

 202B01

 99A478

 011700

 B4BF92

 000000

 D0DBAC

 ECF8C8

 FFFFE4

 4D5830

 4D5830

 4B5827

 4F5839

■ 48581E

■ 525842

■ 465816

■ 54584A

■ 43580D

■ 575853

■ 415804

■ 59585C

■ 405800

■ 5C5865

■ 5E586E

■ 605876

■ 63587F

Harmonies

Analogous

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



61522C



4D5830



355C3E

Triad

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



4D5830



025B75



784455

Complementary

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



4D5830



3B3058

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.



6B4869



4D5830



33567B

Square

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



4D5830



005E66



544F76



794542

Rectangle

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



4D5830



225E4B



544F76



75455C

Sweetspot

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



4D5830



6E7363



583B30



383B31



BABABA



3B3B3B

Same Dimension

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



4D5830



617334



395830



2A2B27



4E6B00



AAEB00

Inverse Universe

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



3B3058



453473



4F3058



28272B



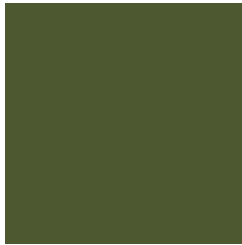
1D006B



4100EB

Previews

White Background



This preview shows how the Hex color 4D5830 looks on a white background.

Color Contrast Check

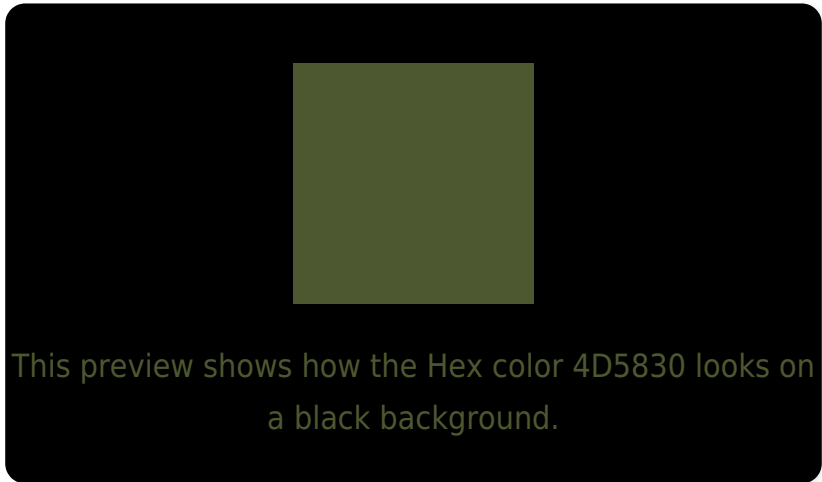
Large Text (above 18pt) WCAG AA ✓ Pass

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

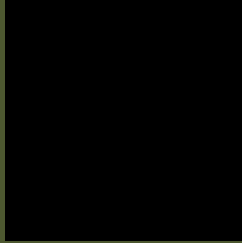
Any Text WCAG AA × Fail

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 4D5830 Background



This preview shows how black text looks on a background with the Hex color 4D5830.



This preview shows how white text looks on a background with the Hex color 4D5830.

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
4D5830

Protanopia
5C542E

Deuteranopia
655032



Tritanopia
52535A

Trichromacy



Original Color
4D5830

Protanomaly
57552F

Deuteranomaly
5C5331

Tritanomaly
50554B

Monochromacy



Original Color
4D5830

Achromatopsia
505050

Achromatomaly
4F5344

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5830 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 #4D5830 looks like.

```
.text, #text, p{  
    color:#4D5830  
}
```

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 #4D5830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5830
}
```

Border

The CSS property to change the border of an element to Hex 4D5830 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".

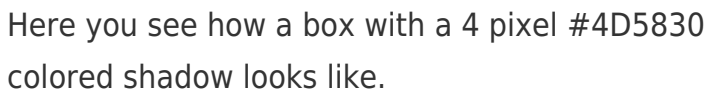
```
.border, #border, table{ border:4px solid
#4D5830 }
```

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

```
.border{ border-color:#4D5830 }
```

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

Here you see how a box with a 4 pixel #4D5830 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5830; -webkit-box-shadow:4px 4px  
4px 4px #4D5830; box-shadow:4px 4px 4px  
4px #4D5830 }
```

Background

The CSS property to change the background color of an element to Hex 4D5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5830 }
```

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

```
.background{ background-color:#4D5830 }
```

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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