

Converting Colors

Hex(4B5735)

Have a look what the booklet for
Hex(4B5735) contains.

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Color

Hex(4B5735)

Conversions

Conversions Part 1

Format	Color
Hex	4B5735
RGB	75, 87, 53
RGB Percent	29%, 34%, 21%
CMY	0.7059, 0.6588, 0.7922
CMYK	0.14, 0.00, 0.39, 0.66
HSL	81°, 24%, 27%
HSV	81°, 39%, 34%
XYZ	6.9524, 8.5693, 4.6558
YIQ	79.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

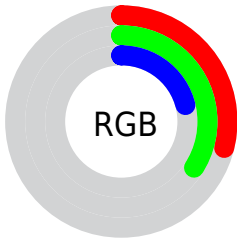
Format	Color
RYB	53, 87, 65
Decimal	4937525
CIELab	35.14, -11.33, 18.24
CIElCh	35, 21.470, 121.849
Yxy	8.5693, 0.3446, 0.4247
Android (android.graphics.Color)	4283127605 (0xFF4B5735)
YUV	79.5360, -13.0822, -3.9781
Hunter-Lab	29.2733, -8.8344, 11.0616

Details

The Hex color **4B5735** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **413557**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7C8964**, and **1E2A09** is the 20% darker color. If you saturate the color by 10%, you get **48572C**, and if you desaturate by 10%, it is **4E573E**.

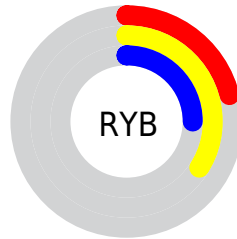
Distribution



 Red (29%)

 Green (34%)

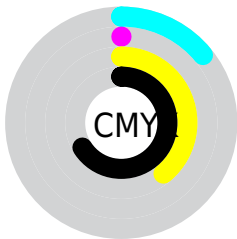
 Blue (21%)



 Red (21%)

 Yellow (34%)

 Blue (25%)

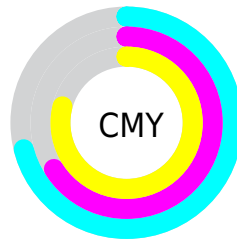


 Cyan (14%)

 Magenta (0%)

 Yellow (39%)

 Black (66%)



 Cyan (71%)

 Magenta (66%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5735 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 4B5735 by changing the saturation by 10% instead.

 4B5735

 4B5735

FFFFFF

 34401F

 7C8964

 1E2A09

 96A37D

 001600

 B1BE97

 000000

 CDDAB2

 E9F6CD

 FFFFEA

 4B5735

 4B5735

 48572C

 4E573E

■ 455724

■ 515746

■ 42571B

■ 54574F

■ 3F5712

■ 575758

■ 3C570A

■ 5A5761

■ 395701

■ 5D5769

■ 385700

■ 605772

■ 64577B

■ 675783

Harmonies

Analogous

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



5D5230



4B5735



375A42

Triad

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



4B5735



205970



734552

Complementary

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



4B5735



413557

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.



694863



4B5735



3C5475

Square

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



4B5735



105B64



564E70



734741

Rectangle

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



4B5735



285C4D



564E70



714658

Sweetspot

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



4B5735



6B7063



574135



353830



B8B8B8



383838

Same Dimension

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



4B5735



5E703B



3A5735



2A2B27



456B00



98EB00

Inverse Universe

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



413557



4E3B70



523557



29272B



26006B



5300EB

Previews

White Background



This preview shows how the Hex color 4B5735 looks on a white background.

Color Contrast Check

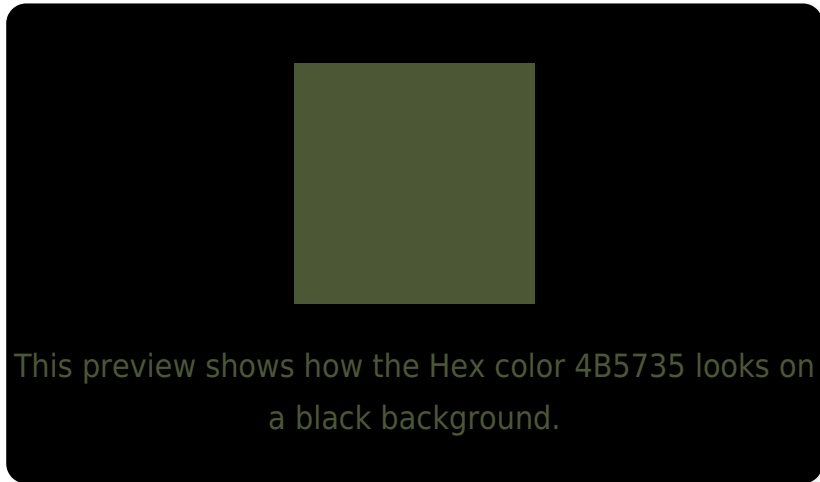
Large Text (above 18pt) WCAG AA ✓ Pass

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

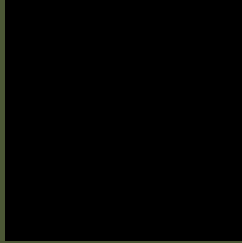
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

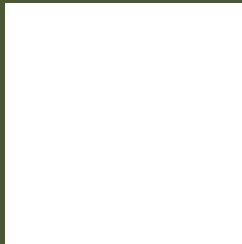
Any Text WCAG AAA × Fail

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

Hex 4B5735 Background



This preview shows how black text looks on a background with the Hex color 4B5735.



This preview shows how white text looks on a background with the Hex color 4B5735.

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
4B5735

Protanopia
5A5333

Deuteranopia
634F37



Tritanopia
505359

Trichromacy



Original Color
4B5735

Protanomaly
555434

Deuteranomaly
5A5236

Tritanomaly
4E544C

Monochromacy



Original Color
4B5735

Achromatopsia
505050

Achromatomaly
4E5346

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5735 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 #4B5735 looks like.

```
.text, #text, p{  
    color:#4B5735  
}
```

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 #4B5735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5735  
}
```

Border

The CSS property to change the border of an element to Hex 4B5735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

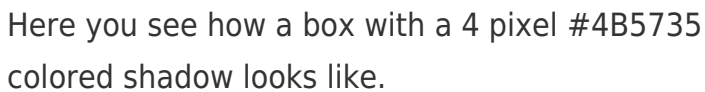
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B5735 }
```

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

```
.border{ border-color:#4B5735 }
```

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



Here you see how a box with a 4 pixel #4B5735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5735; -webkit-box-shadow:4px 4px  
4px 4px #4B5735; box-shadow:4px 4px 4px  
4px #4B5735 }
```

Background

The CSS property to change the background color of an element to Hex 4B5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5735 }
```

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

```
.background{ background-color:#4B5735 }
```

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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