

Converting Colors

Hex(4A5735)

Have a look what the booklet for
Hex(4A5735) contains.

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Color

Hex(4A5735)

Conversions

Conversions Part 1

Format	Color
Hex	4A5735
RGB	74, 87, 53
RGB Percent	29%, 34%, 21%
CMY	0.7098, 0.6588, 0.7922
CMYK	0.15, 0.00, 0.39, 0.66
HSL	83°, 24%, 27%
HSV	83°, 39%, 34%
XYZ	6.8748, 8.5293, 4.6521
YIQ	79.2370, 3.1660, -13.3300

Conversions

Conversions Part 2

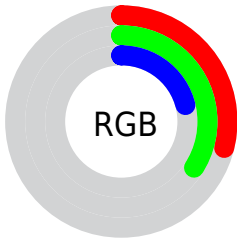
Format	Color
RYB	53, 87, 66
Decimal	4871989
CIELab	35.06, -11.77, 18.12
CIELCh	35, 21.604, 123.001
Yxy	8.5293, 0.3428, 0.4253
Android (android.graphics.Color)	4283062069 (0xFF4A5735)
YUV	79.2370, -12.9348, -4.5928
Hunter-Lab	29.2049, -9.0897, 10.9990

Details

The Hex color **4A5735** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **423557**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7B8964**, and **1D2A09** is the 20% darker color. If you saturate the color by 10%, you get **47572C**, and if you desaturate by 10%, it is **4D573E**.

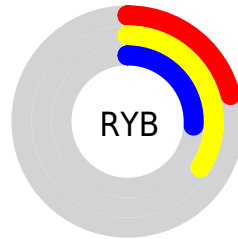
Distribution



 Red (29%)

 Green (34%)

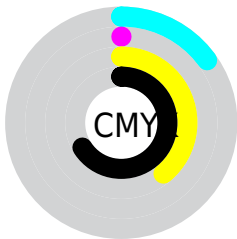
 Blue (21%)



 Red (21%)

 Yellow (34%)

 Blue (26%)

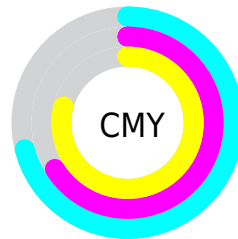


 Cyan (15%)

 Magenta (0%)

 Yellow (39%)

 Black (66%)



 Cyan (71%)

 Magenta (66%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5735 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 4A5735 by changing the saturation by 10% instead.



4A5735



4A5735

FFFFFF



33401F



7B8964



1D2A09



95A37D



001600



B0BE97



000000



CCDAB2



E8F6CD



FFFFEА



4A5735



4A5735



47572C



4D573E

■ 435724

■ 515746

■ 40571B

■ 54574F

■ 3D5712

■ 575758

■ 39570A

■ 5B5761

■ 365701

■ 5E5769

■ 365700

■ 615772

■ 65577B

■ 685783

Harmonies

Analogous

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



5C5230



4A5735



355A42

Triad

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



4A5735



205871



734551

Complementary

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



4A5735



423557

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.



6A4862



4A5735



3D5475

Square

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



4A5735



0E5B65



574D6F



734741

Rectangle

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



4A5735



265B4E



574D6F



714657

Sweetspot

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



4A5735



6B7063



574135



353830



B8B8B8



383838

Same Dimension

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



4A5735



5C703B



3A5735



2A2B27



426B00



91EB00

Inverse Universe

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



423557



503B70



523557



29272B



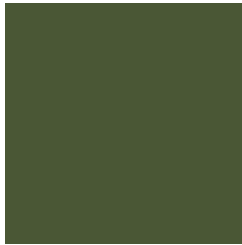
29006B



5A00EB

Previews

White Background



This preview shows how the Hex color 4A5735 looks on a white background.

Color Contrast Check

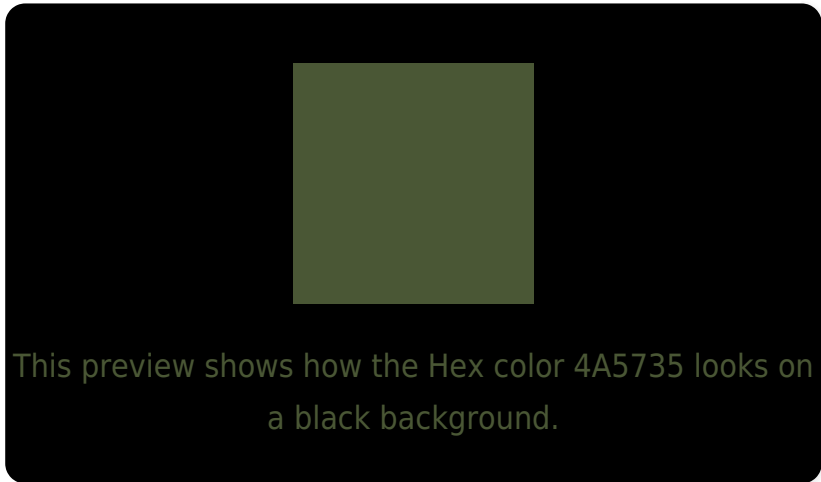
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A5735 Background



This preview shows how black text looks on a background with the Hex color 4A5735.



This preview shows how white text looks on a background with the Hex color 4A5735.

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](#).

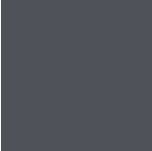
Dichromacy



Original Color
4A5735

Protanopia
5A5233

Deuteranopia
634F37



Tritanopia
4F5359

Trichromacy



Original Color
4A5735

Protanomaly
545434

Deuteranomaly
5A5236

Tritanomaly
4D544C

Monochromacy



Original Color
4A5735

Achromatopsia
4F4F4F

Achromatomaly
4D5246

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5735 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 #4A5735 looks like.

```
.text, #text, p{  
    color:#4A5735  
}
```

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 #4A5735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5735
}
```

Border

The CSS property to change the border of an element to Hex 4A5735 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".

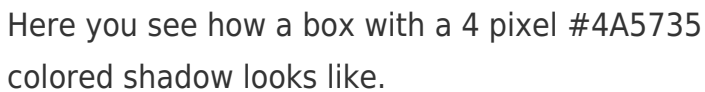
```
.border, #border, table{ border:4px solid
#4A5735 }
```

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

```
.border{ border-color:#4A5735 }
```

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

Here you see how a box with a 4 pixel #4A5735 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5735; -webkit-box-shadow:4px 4px  
4px 4px #4A5735; box-shadow:4px 4px 4px  
4px #4A5735 }
```

Background

The CSS property to change the background color of an element to Hex 4A5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5735 }
```

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

```
.background{ background-color:#4A5735 }
```

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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