

Converting Colors

Hex(4A6845)

Have a look what the booklet for
Hex(4A6845) contains.

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Color

Hex(4A6845)

Conversions

Conversions Part 1

Format	Color
Hex	4A6845
RGB	74, 104, 69
RGB Percent	29%, 41%, 27%
CMY	0.7098, 0.5922, 0.7294
CMYK	0.29, 0.00, 0.34, 0.59
HSL	111°, 20%, 34%
HSV	111°, 34%, 41%
XYZ	8.8485, 11.7861, 7.4388
YIQ	91.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

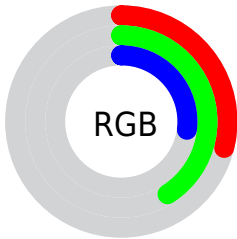
Format	Color
RYB	69, 104, 99
Decimal	4876357
CIELab	40.87, -18.54, 16.30
CIElCh	41, 24.683, 138.676
Yxy	11.7861, 0.3152, 0.4198
Android (android.graphics.Color)	4283066437 (0xFF4A6845)
YUV	91.0400, -10.8657, -14.9441
Hunter-Lab	34.3310, -14.0722, 11.1847

Details

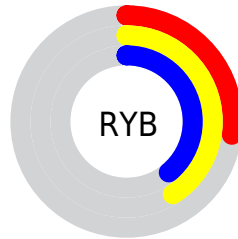
The Hex color **4A6845** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **634568**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7C9B76**, and **1C3919** is the 20% darker color. If you saturate the color by 10%, you get **41683B**, and if you desaturate by 10%, it is **53684F**.

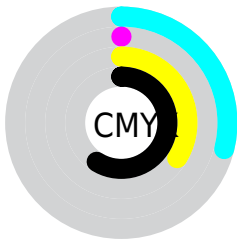
Distribution



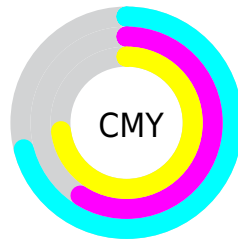
- Red (29%)
- Green (41%)
- Blue (27%)



- Red (27%)
- Yellow (41%)
- Blue (39%)



- Cyan (29%)
- Magenta (0%)
- Yellow (34%)
- Black (59%)



- Cyan (71%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6845 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 4A6845 by changing the saturation by 10% instead.

 4A6845

 4A6845

FFFFFF

 33502E

 7C9B76

 1C3919

 96B68F

 082300

 B1D2AA

 000600

 CCEEC5

 000000

 E9FFE1

FFFFFFE

 4A6845

 4A6845

 41683B

 53684F

■ 386830

■ 5C685A

■ 2F6826

■ 656864

■ 26681B

■ 6E686F

■ 1D6811

■ 776879

■ 156807

■ 7F6883

■ 0F6800

■ 88688E

■ 916898

■ 9A68A3

Harmonies

Analogous

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



616339



4A6845



306B58

Triad

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



4A6845



366588



885154

Complementary

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



4A6845



634568

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.



835169



4A6845



585E87

Square

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



4A6845



13697E



72577B



825643

Rectangle

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



4A6845



1D6B66



72577B



88515B

Sweetspot

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



4A6845



7C877A



686345



3E453D



C4C4C4



454545

Same Dimension

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



4A6845



598751



456851



2F332E



107300



23F200

Inverse Universe

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



634568



7F5187



68455C



322E33



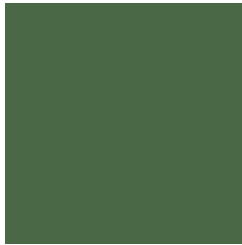
620073



D000F2

Previews

White Background



This preview shows how the Hex color 4A6845 looks on a white background.

Color Contrast Check

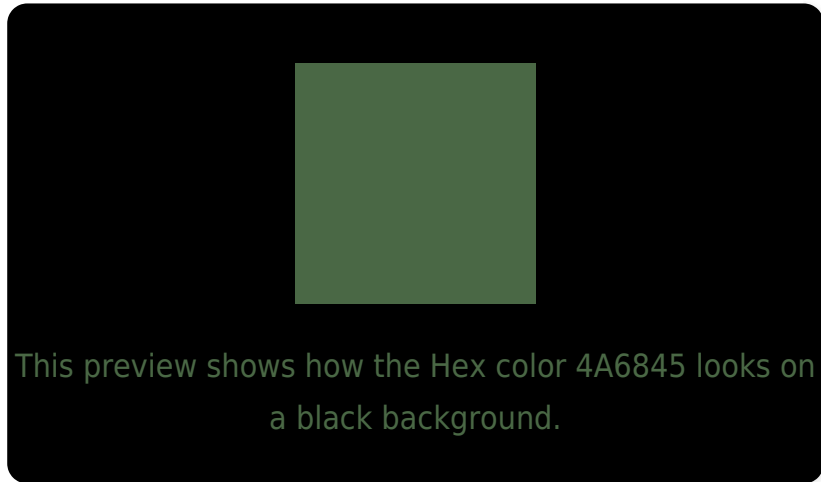
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

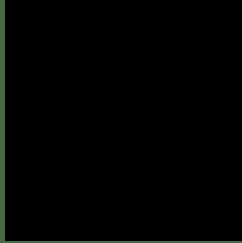
Any Text WCAG AA × Fail

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 4A6845 Background



This preview shows how black text looks on a background with the Hex color 4A6845.



This preview shows how white text looks on a background with the Hex color 4A6845.

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
4A6845

Protanopia
686042

Deuteranopia
715C48



Tritanopia
51636B

Trichromacy



Original Color
4A6845

Protanomaly
5D6343

Deuteranomaly
636047

Tritanomaly
4E655D

Monochromacy



Original Color
4A6845

Achromatopsia
5B5B5B

Achromatomaly
556053

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6845 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 #4A6845 looks like.

```
.text, #text, p{  
    color:#4A6845  
}
```

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 #4A6845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6845  
}
```

Border

The CSS property to change the border of an element to Hex 4A6845 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".

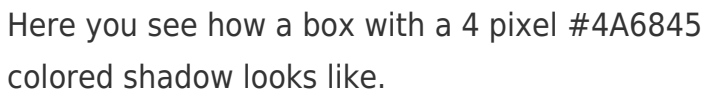
```
.border, #border, table{ border:4px solid  
#4A6845 }
```

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

```
.border{ border-color:#4A6845 }
```

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

Here you see how a box with a 4 pixel #4A6845 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6845; -webkit-box-shadow:4px 4px  
4px 4px #4A6845; box-shadow:4px 4px 4px  
4px #4A6845 }
```

Background

The CSS property to change the background color of an element to Hex 4A6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6845 }
```

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

```
.background{ background-color:#4A6845 }
```

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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