

Converting Colors

Hex(4A5946)

Have a look what the booklet for
Hex(4A5946) contains.

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Color

Hex(4A5946)

Conversions

Conversions Part 1

Format	Color
Hex	4A5946
RGB	74, 89, 70
RGB Percent	29%, 35%, 27%
CMY	0.7098, 0.6510, 0.7255
CMYK	0.17, 0.00, 0.21, 0.65
HSL	107°, 12%, 31%
HSV	107°, 21%, 35%
XYZ	7.5019, 9.0428, 7.1444
YIQ	82.3490, -2.8410, -9.0890

Conversions

Conversions Part 2

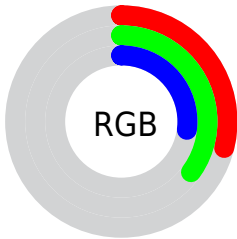
Format	Color
R_{YB}	70, 89, 85
Decimal	4872518
CIE Lab	36.07, -9.95, 9.10
CIE LCh	36, 13.484, 137.540
Yxy	9.0428, 0.3167, 0.3817
Android (android.graphics.Color)	4283062598 (0xFF4A5946)
YUV	82.3490, -6.0881, -7.3221
Hunter-Lab	30.0712, -8.0941, 6.9636

Details

The Hex color **4A5946** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554659**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7B8B76**, and **1E2B1B** is the 20% darker color. If you saturate the color by 10%, you get **43593D**, and if you desaturate by 10%, it is **51594F**.

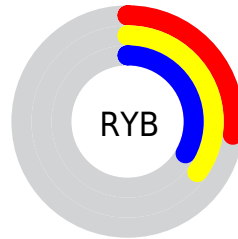
Distribution



Red (29%)

Green (35%)

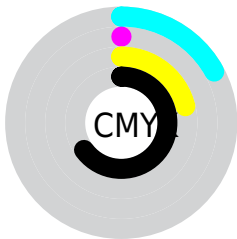
Blue (27%)



Red (27%)

Yellow (35%)

Blue (33%)

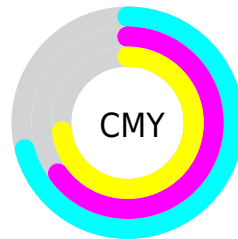


Cyan (17%)

Magenta (0%)

Yellow (21%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5946 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 4A5946 by changing the saturation by 10% instead.



4A5946



4A5946

FFFFFF



334230



7B8B76



1E2B1B



95A590



071700



AFC0AA



000000



CBDCC6



E7F9E2

FFFFFFE



4A5946



4A5946



43593D



51594F

■ 3C5934

■ 585958

■ 35592B

■ 5F5961

■ 2E5922

■ 66596A

■ 27591A

■ 6D5973

■ 205911

■ 74597B

■ 195908

■ 7B5984

■ 135900

■ 82598D

■ 895996

Harmonies

Analogous

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



565640



4A5946



3E5B50

Triad

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



4A5946



42576A



6B4D4F

Complementary

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



4A5946



554659

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.



684E5A



4A5946



515469

Square

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



4A5946



385A64



5E5063



694F45

Rectangle

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



4A5946



395B57



5E5063



6B4D52

Sweetspot

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



4A5946



6D736C



595546



373B37



BABABA



3B3B3B

Same Dimension

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



4A5946



5B7355



46594B



282B27



176B00



31EB00

Inverse Universe

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



554659



6C5573



594654



2A272B



55006B



B900EB

Previews

White Background



This preview shows how the Hex color 4A5946 looks on a white background.

Color Contrast Check

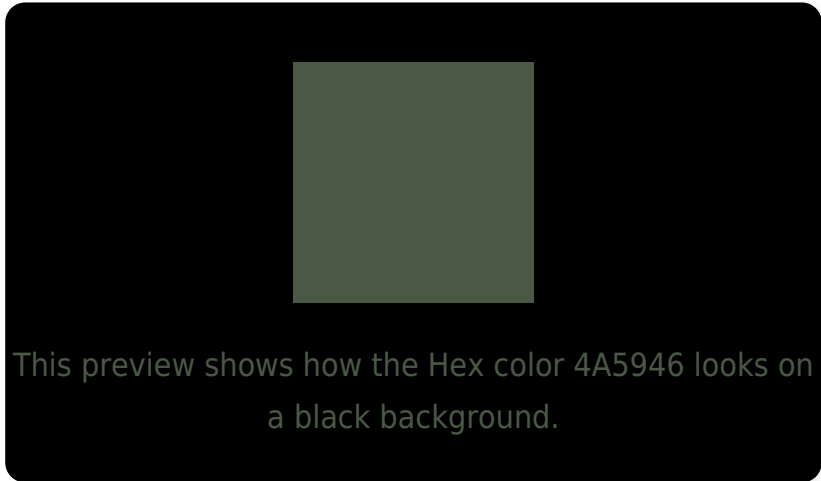
Large Text (above 18pt) WCAG AA ✓ Pass

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

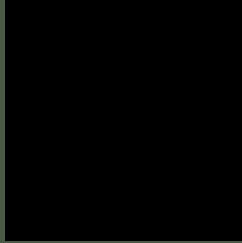
Any Text WCAG AA × Fail

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 4A5946 Background



This preview shows how black text looks on a background with the Hex color 4A5946.



This preview shows how white text looks on a background with the Hex color 4A5946.

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](#).

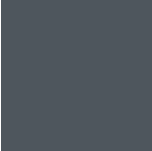
Dichromacy



Original Color
4A5946

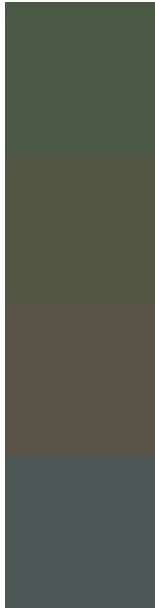
Protanopia
5A5544

Deuteranopia
615148



Tritanopia
4E565D

Trichromacy



Original Color

4A5946

Protanomaly

545645

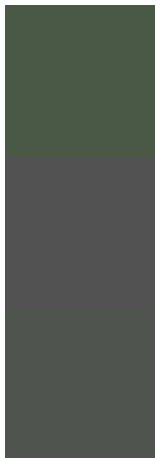
Deuteranomaly

595447

Tritanomaly

4D5755

Monochromacy



Original Color

4A5946

Achromatopsia

525252

Achromatomaly

4F554E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5946 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 #4A5946 looks like.

```
.text, #text, p{  
    color:#4A5946  
}
```

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 #4A5946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5946
}
```

Border

The CSS property to change the border of an element to Hex 4A5946 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".

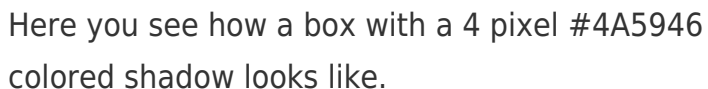
```
.border, #border, table{ border:4px solid
#4A5946 }
```

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

```
.border{ border-color:#4A5946 }
```

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

Here you see how a box with a 4 pixel #4A5946 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5946; -webkit-box-shadow:4px 4px  
4px 4px #4A5946; box-shadow:4px 4px 4px  
4px #4A5946 }
```

Background

The CSS property to change the background color of an element to Hex 4A5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5946 }
```

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

```
.background{ background-color:#4A5946 }
```

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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