

Converting Colors

Hex(4A5840)

Have a look what the booklet for
Hex(4A5840) contains.

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Color

Hex(4A5840)

Conversions

Conversions Part 1

Format	Color
Hex	4A5840
RGB	74, 88, 64
RGB Percent	29%, 35%, 25%
CMY	0.7098, 0.6549, 0.7490
CMYK	0.16, 0.00, 0.27, 0.65
HSL	95°, 16%, 30%
HSV	95°, 27%, 35%
XYZ	7.2392, 8.8055, 6.1686
YIQ	81.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

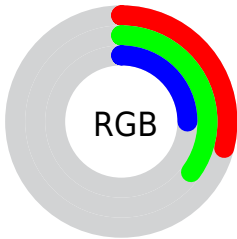
Format	Color
RYB	64, 88, 78
Decimal	4872256
CIELab	35.61, -10.50, 12.16
CIELCh	36, 16.069, 130.802
Yxy	8.8055, 0.3259, 0.3964
Android (android.graphics.Color)	4283062336 (0xFF4A5840)
YUV	81.0780, -8.4195, -6.2074
Hunter-Lab	29.6740, -8.3832, 8.4467

Details

The Hex color **4A5840** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E4058**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7B8A70**, and **1E2B15** is the 20% darker color. If you saturate the color by 10%, you get **455837**, and if you desaturate by 10%, it is **4F5849**.

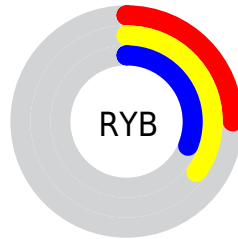
Distribution



Red (29%)

Green (35%)

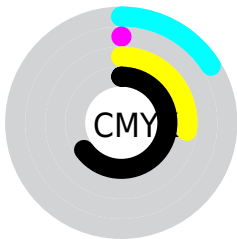
Blue (25%)



Red (25%)

Yellow (35%)

Blue (31%)

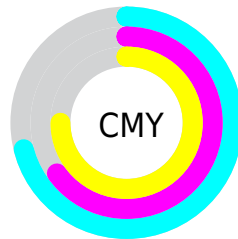


Cyan (16%)

Magenta (0%)

Yellow (27%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5840 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 4A5840 by changing the saturation by 10% instead.

 4A5840

 4A5840

FFFFFF

 33412A

 7B8A70

 1E2B15

 95A489

 041700

 B0BFA4

 000000

 CBDBBF

 E7F8DB

 FFFFF7

 4A5840

 4A5840

 455837

 4F5849

 40582E

 545852

 3B5826

 59585A

 35581D

 5F5863

 305814

 64586C

 2B580B

 695875

 265802

 6E587E

 255800

 735886

 78588F

Harmonies

Analogous

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



58543A



4A5840



3B5A4B

Triad

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



4A5840



39576C



6E4A4F

Complementary

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



4A5840



4E4058

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.



684B5C



4A5840



4A536D

Square

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



4A5840



2E5A64



5C4F67



6C4C44

Rectangle

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



4A5840



335B54



5C4F67



6D4A54

Sweetspot

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



4A5840



6D736A



584E40



373B35



BABABA



3B3B3B

Same Dimension

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



4A5840



5D734D



405842



292B27



2D6B00



62EB00

Inverse Universe

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



4E4058



634D73



584056



2A272B



3E006B



8900EB

Previews

White Background



This preview shows how the Hex color 4A5840 looks on a white background.

Color Contrast Check

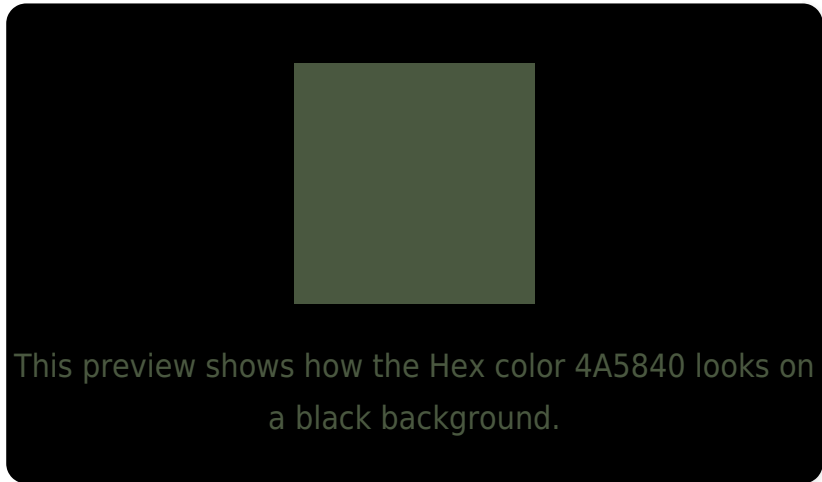
Large Text (above 18pt) WCAG AA ✓ Pass

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

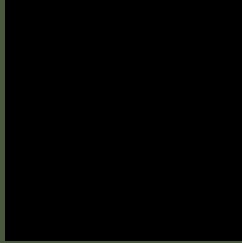
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

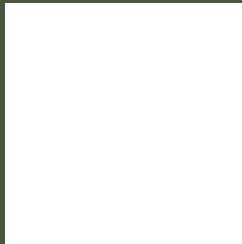
Any Text WCAG AAA × Fail

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

Hex 4A5840 Background



This preview shows how black text looks on a background with the Hex color 4A5840.



This preview shows how white text looks on a background with the Hex color 4A5840.

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
4A5840

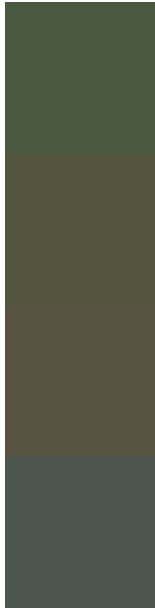
Protanopia
5A533E

Deuteranopia
625042



Tritanopia
4E545B

Trichromacy



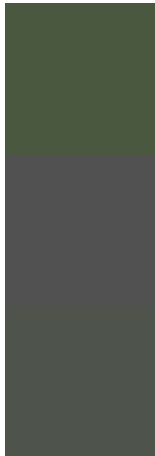
Original Color
4A5840

Protanomaly
54553F

Deuteranomaly
595341

Tritanomaly
4D5551

Monochromacy



Original Color
4A5840

Achromatopsia
515151

Achromatomaly
4E544B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5840 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 #4A5840 looks like.

```
.text, #text, p{  
    color:#4A5840  
}
```

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 #4A5840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5840
}
```

Border

The CSS property to change the border of an element to Hex 4A5840 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".

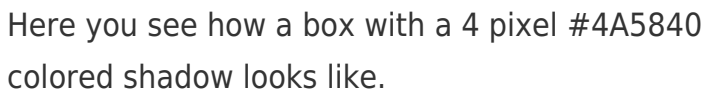
```
.border, #border, table{ border:4px solid
#4A5840 }
```

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

```
.border{ border-color:#4A5840 }
```

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

Here you see how a box with a 4 pixel #4A5840 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5840; -webkit-box-shadow:4px 4px  
4px 4px #4A5840; box-shadow:4px 4px 4px  
4px #4A5840 }
```

Background

The CSS property to change the background color of an element to Hex 4A5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5840 }
```

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

```
.background{ background-color:#4A5840 }
```

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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