

Converting Colors

Hex(465340)

Have a look what the booklet for
Hex(465340) contains.

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Color

Hex(465340)

Conversions

Conversions Part 1

Format	Color
Hex	465340
RGB	70, 83, 64
RGB Percent	27%, 33%, 25%
CMY	0.7255, 0.6745, 0.7490
CMYK	0.16, 0.00, 0.23, 0.67
HSL	101°, 13%, 29%
HSV	101°, 23%, 33%
XYZ	6.5445, 7.8588, 6.0225
YIQ	76.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

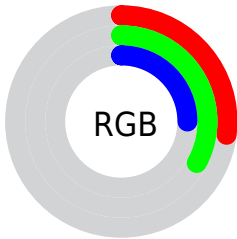
Format	Color
RYB	64, 83, 77
Decimal	4608832
CIELab	33.69, -9.23, 9.47
CIElCh	34, 13.223, 134.291
Yxy	7.8588, 0.3204, 0.3847
Android (android.graphics.Color)	4282798912 (0xFF465340)
YUV	76.9470, -6.3829, -6.0925
Hunter-Lab	28.0335, -7.3876, 6.8861

Details

The Hex color **465340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D4053**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **768470**, and **1A2615** is the 20% darker color. If you saturate the color by 10%, you get **405338**, and if you desaturate by 10%, it is **4C5348**.

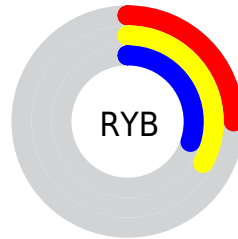
Distribution



Red (27%)

Green (33%)

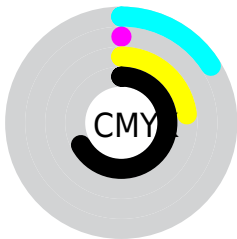
Blue (25%)



Red (25%)

Yellow (33%)

Blue (30%)

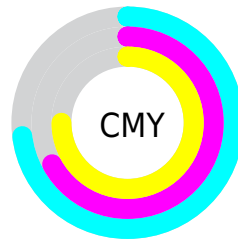


Cyan (16%)

Magenta (0%)

Yellow (23%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465340 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 465340 by changing the saturation by 10% instead.



465340



465340

FFFFFF



2F3C2A



768470



1A2615



909F89



001200



ABBAA3



000000



C6D5BF



E2F2DA



FFFFF7



465340



465340



405338



4C5348

■ 3B532F

■ 515351

■ 355327

■ 575359

■ 2F531F

■ 5D5361

■ 2A5316

■ 62536A

■ 24530E

■ 685372

■ 1E5306

■ 6E537A

■ 1A5300

■ 735382

■ 79538B

Harmonies

Analogous

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



52503B



465340



3B5549

Triad

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



465340



3C5263



65484B

Complementary

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



465340



4D4053

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.



614855



465340



4A4E63

Square

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



465340



33545D



574B5E



634941

Rectangle

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



465340



355550



574B5E



64484E

Sweetspot

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



465340



666B64



534D40



333631



B5B5B5



363636

Same Dimension

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



465340



576B4E



405343



262925



216900



49E800

Inverse Universe

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



4D4053



624E6B



534050



282529



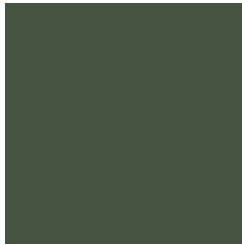
480069



9F00E8

Previews

White Background



This preview shows how the Hex color 465340 looks on a white background.

Color Contrast Check

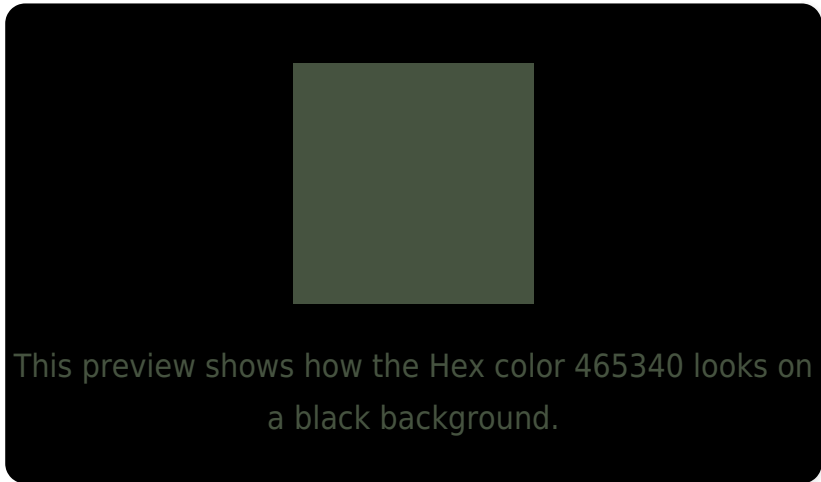
Large Text (above 18pt) WCAG AA ✓ Pass

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

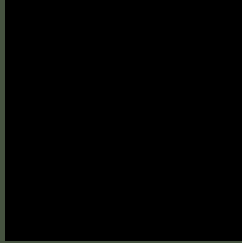
Any Text WCAG AA × Fail

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 465340 Background



This preview shows how black text looks on a background with the Hex color 465340.

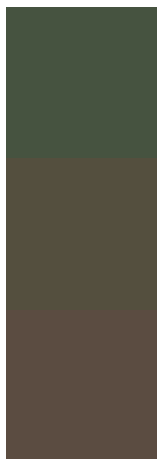


This preview shows how white text looks on a background with the Hex color 465340.

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
465340

Protanopia
544F3E

Deuteranopia
5B4C41



Tritanopia
4A5056

Trichromacy



Original Color
465340

Protanomaly
4F503F

Deuteranomaly
534F41

Tritanomaly
49514E

Monochromacy



Original Color
465340

Achromatopsia
4D4D4D

Achromatomaly
4A4F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 465340 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 #465340 looks like.

```
.text, #text, p{  
    color:#465340  
}
```

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 #465340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465340
}
```

Border

The CSS property to change the border of an element to Hex 465340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

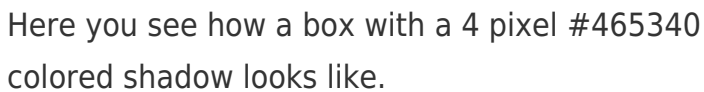
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#465340 }
```

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

```
.border{ border-color:#465340 }
```

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



Here you see how a box with a 4 pixel #465340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465340; -webkit-box-shadow:4px 4px  
4px 4px #465340; box-shadow:4px 4px 4px  
4px #465340 }
```

Background

The CSS property to change the background color of an element to Hex 465340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465340 }
```

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

```
.background{ background-color:#465340 }
```

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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