

Converting Colors

Hex(465C3D)

Have a look what the booklet for
Hex(465C3D) contains.

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Color

Hex(465C3D)

Conversions

Conversions Part 1

Format	Color
Hex	465C3D
RGB	70, 92, 61
RGB Percent	27%, 36%, 24%
CMY	0.7255, 0.6392, 0.7608
CMYK	0.24, 0.00, 0.34, 0.64
HSL	103°, 20%, 30%
HSV	103°, 34%, 36%
XYZ	7.1952, 9.2933, 5.8294
YIQ	81.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

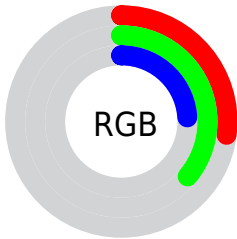
Format	Color
RYB	61, 92, 83
Decimal	4611133
CIELab	36.54, -14.96, 15.21
CIElCh	37, 21.339, 134.530
Yxy	9.2933, 0.3224, 0.4164
Android (android.graphics.Color)	4282801213 (0xFF465C3D)
YUV	81.8880, -10.2978, -10.4258
Hunter-Lab	30.4849, -11.2180, 10.0018

Details

The Hex color **465C3D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **533D5C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **778E6D**, and **192E12** is the 20% darker color. If you saturate the color by 10%, you get **3F5C34**, and if you desaturate by 10%, it is **4D5C46**.

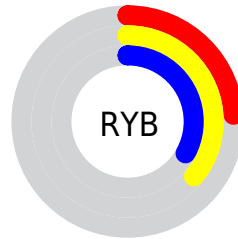
Distribution



Red (27%)

Green (36%)

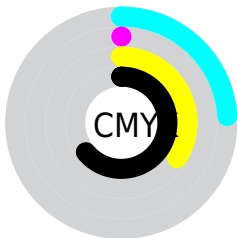
Blue (24%)



Red (24%)

Yellow (36%)

Blue (33%)

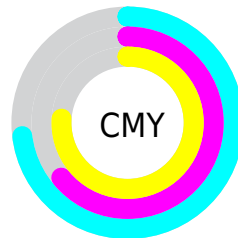


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465C3D 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 465C3D by changing the saturation by 10% instead.

 465C3D

 465C3D

FFFFFF

 2F4427

 778E6D

 192E12

 91A986

 001A00

 ABC4A0

 000000

 C7E0BB

 E3FDD7

 FFFFF4

 465C3D

 465C3D

 3F5C34

 4D5C46

■ 395C2B

■ 535C4F

■ 325C21

■ 5A5C59

■ 2C5C18

■ 605C62

■ 255C0F

■ 675C6B

■ 1F5C06

■ 6D5C74

■ 1B5C00

■ 745C7D

■ 7A5C87

■ 815C90

Harmonies

Analogous

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



595834



465C3D



315F4C

Triad

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



465C3D



305A77



78494E

Complementary

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



465C3D



533D5C

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.



724A60



465C3D



4B5577

Square

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



465C3D



195E6D



634F6E



744C3F

Rectangle

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



465C3D



235F58



634F6E



774954

Sweetspot

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



465C3D



6F786C



5C533D



383D36



BDBDBD



3D3D3D

Same Dimension

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



465C3D



567848



3D5C43



2B2E29



206E00



45ED00

Inverse Universe

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



533D5C



6A4878



5C3D56



2D292E



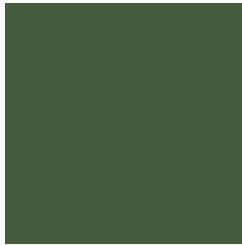
4E006E



A800ED

Previews

White Background



This preview shows how the Hex color 465C3D looks on a white background.

Color Contrast Check

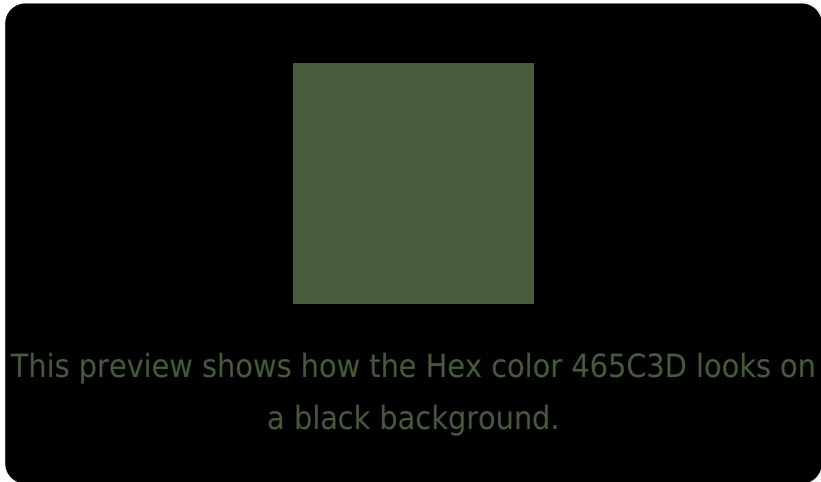
Large Text (above 18pt) WCAG AA ✓ Pass

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

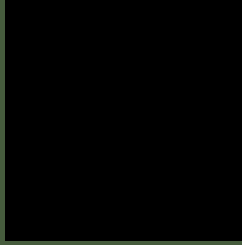
Any Text WCAG AA × Fail

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 465C3D Background



This preview shows how black text looks on a background with the Hex color 465C3D.



This preview shows how white text looks on a background with the Hex color 465C3D.

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](#).

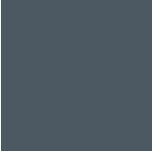
Dichromacy



Original Color
465C3D

Protanopia
5D563A

Deuteranopia
65523F



Tritanopia
4B585F

Trichromacy



Original Color
465C3D

Protanomaly
55583B

Deuteranomaly
5A563E

Tritanomaly
495953

Monochromacy



Original Color
465C3D

Achromatopsia
525252

Achromatomaly
4E564A

CSS Examples

Text

The CSS property to change the color of the text to Hex 465C3D 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 #465C3D looks like.

```
.text, #text, p{  
    color:#465C3D  
}
```

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 #465C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465C3D
}
```

Border

The CSS property to change the border of an element to Hex 465C3D 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".

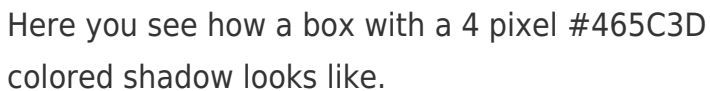
```
.border, #border, table{ border:4px solid
#465C3D }
```

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

```
.border{ border-color:#465C3D }
```

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

Here you see how a box with a 4 pixel #465C3D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465C3D; -webkit-box-shadow:4px 4px  
4px 4px #465C3D; box-shadow:4px 4px 4px  
4px #465C3D }
```

Background

The CSS property to change the background color of an element to Hex 465C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465C3D }
```

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

```
.background{ background-color:#465C3D }
```

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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