

Converting Colors

Hex(465C47)

Have a look what the booklet for
Hex(465C47) contains.

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Color

Hex(465C47)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 465C47 |
| RGB | 70, 92, 71 |
| RGB Percent | 27%, 36%, 28% |
| CMY | 0.7255, 0.6392, 0.7216 |
| CMYK | 0.24, 0.00, 0.23, 0.64 |
| HSL | 123°, 14%, 32% |
| HSV | 123°, 24%, 36% |
| XYZ | 7.4903, 9.4113, 7.3830 |
| YIQ | 83.0280, -6.3710, -11.1950 |

Conversions

Conversions Part 2

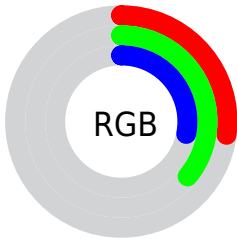
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 70, 91, 92 |
| Decimal | 4611143 |
| CIELab | 36.76, -13.07, 9.42 |
| CIElCh | 37, 16.107, 144.219 |
| Yxy | 9.4113, 0.3084, 0.3875 |
| Android (android.graphics.Color) | 4282801223 (0xFF465C47) |
| YUV | 83.0280, -5.9298, -11.4256 |
| Hunter-Lab | 30.6779, -10.1040, 7.2056 |

Details

The Hex color **465C47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C465B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **778E77**, and **1A2E1C** is the 20% darker color. If you saturate the color by 10%, you get **3D5C3E**, and if you desaturate by 10%, it is **4F5C50**.

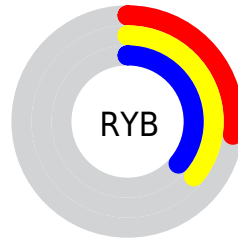
Distribution



Red (27%)

Green (36%)

Blue (28%)



Red (27%)

Yellow (36%)

Blue (36%)

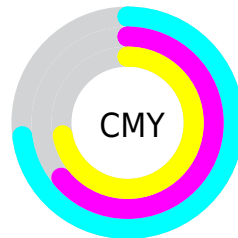


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465C47 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 465C47 by changing the saturation by 10% instead.

 465C47

 465C47

FFFFFF

 2F4431

 778E77

 1A2E1C

 91A991

 011A01

 ABC4AC

 000000

 C7E0C7

 E3FDE3

 465C47

 465C47

 3D5C3E

 4F5C50

 345C35

 585C59

 2A5C2D

 625C61

 215C24

 6B5C6A

 185C1B

 745C73

 0F5C12

 7D5C7C

 065C0A

 865C84

 005C04

 905C8D

 995C96

Harmonies

Analogous

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



55593F



465C47



385E53

Triad

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



465C47



435870



714E4C

Complementary

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



465C47



5C465B

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.



6E4D5A



465C47



55546E

Square

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



465C47



345C6B



655066



6C5142

Rectangle

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



465C47



325E5C



655066



714D51

Sweetspot

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



465C47



6F7870



5B5C46



383D39



BDBDBD



3D3D3D

Same Dimension

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



465C47



557857



465C52



292E2A



006E05



00ED0B

Inverse Universe

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



5C465B



785576



5C4650



2E292E



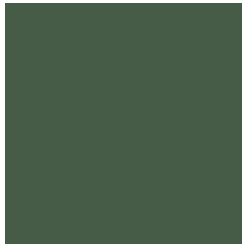
6E0069



ED00E2

Previews

White Background



This preview shows how the Hex color 465C47 looks on a white background.

Color Contrast Check

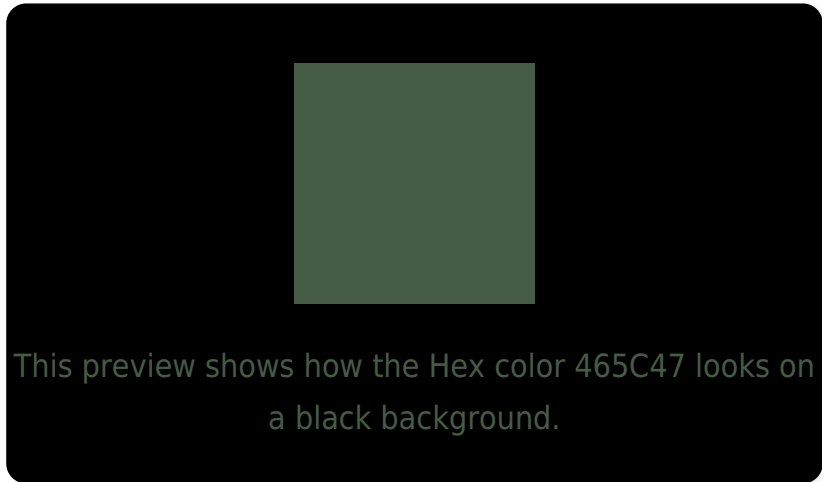
Large Text (above 18pt) WCAG AA ✓ Pass

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

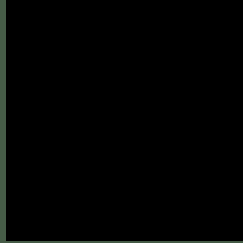
Any Text WCAG AA × Fail

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 465C47 Background



This preview shows how black text looks on a background with the Hex color 465C47.



This preview shows how white text looks on a background with the Hex color 465C47.

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](#).

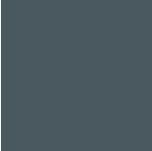
Dichromacy



Original Color
465C47

Protanopia
5C5644

Deuteranopia
635349



Tritanopia
4A5960

Trichromacy



Original Color
465C47

Protanomaly
545845

Deuteranomaly
585648

Tritanomaly
495A57

Monochromacy



Original Color
465C47

Achromatopsia
535353

Achromatomaly
4E564F

CSS Examples

Text

The CSS property to change the color of the text to Hex 465C47 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 #465C47 looks like.

```
.text, #text, p{  
    color:#465C47  
}
```

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 #465C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465C47  
}
```

Border

The CSS property to change the border of an element to Hex 465C47 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  
#465C47 }
```

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

```
.border{ border-color:#465C47 }
```

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

Here you see how a box with a 4 pixel #465C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465C47; -webkit-box-shadow:4px 4px  
4px 4px #465C47; box-shadow:4px 4px 4px  
4px #465C47 }
```

Background

The CSS property to change the background color of an element to Hex 465C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465C47 }
```

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

```
.background{ background-color:#465C47 }
```

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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