

Converting Colors

Hex(464C2E)

Have a look what the booklet for
Hex(464C2E) contains.

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Color

Hex(464C2E)

Conversions

Conversions Part 1

Format	Color
Hex	464C2E
RGB	70, 76, 46
RGB Percent	27%, 30%, 18%
CMY	0.7255, 0.7020, 0.8196
CMYK	0.08, 0.00, 0.39, 0.70
HSL	72°, 25%, 24%
HSV	72°, 39%, 30%
XYZ	5.6034, 6.6682, 3.5765
YIQ	70.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

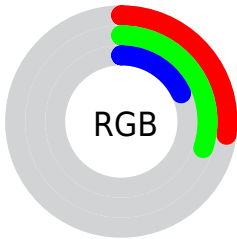
Format	Color
R_{YB}	46, 76, 52
Decimal	4607022
CIE Lab	31.04, -8.16, 17.05
CIE LCh	31, 18.901, 115.567
Yxy	6.6682, 0.3536, 0.4208
Android (android.graphics.Color)	4282797102 (0xFF464C2E)
YUV	70.7860, -12.2195, -0.6893
Hunter-Lab	25.8229, -6.4570, 9.8642

Details

The Hex color **464C2E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **342E4C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **777D5C**, and **1B2000** is the 20% darker color. If you saturate the color by 10%, you get **444C26**, and if you desaturate by 10%, it is **484C36**.

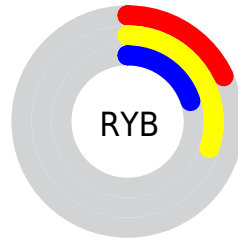
Distribution



Red (27%)

Green (30%)

Blue (18%)



Red (18%)

Yellow (30%)

Blue (20%)

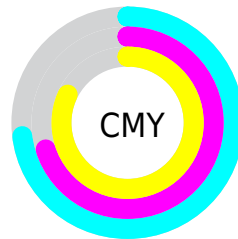


Cyan (8%)

Magenta (0%)

Yellow (39%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464C2E 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 464C2E by changing the saturation by 10% instead.



464C2E



464C2E

FFFFFF



2F3519



777D5C



1B2000



919775



000700



ABB18F



000000



C7CDA9



E3E9C5



FFFFE1



FFFFFD



464C2E



464C2E

■ 444C26

■ 484C36

■ 434C1F

■ 494C3D

■ 414C17

■ 4B4C45

■ 404C10

■ 4C4C4C

■ 3E4C08

■ 4E4C54

■ 3D4C00

■ 4F4C5C

■ 514C63

■ 524C6B

■ 544C72

Harmonies

Analogous

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



55472C



464C2E



354F38

Triad

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



464C2E



1B4F61



643E4C

Complementary

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



464C2E



342E4C

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.



5A415A



464C2E



314B66

Square

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



464C2E



145155



484664



663F3D

Rectangle

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



464C2E



295141



484664



613F51

Sweetspot

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



464C2E



616358



4C342E



32332C



B3B3B3



333333

Same Dimension

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



464C2E



5A6335



384C2E



252622



526600



B8E600

Inverse Universe

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



342E4C



3E3563



432E4C



232226



140066



2E00E6

Previews

White Background



This preview shows how the Hex color 464C2E looks on a white background.

Color Contrast Check

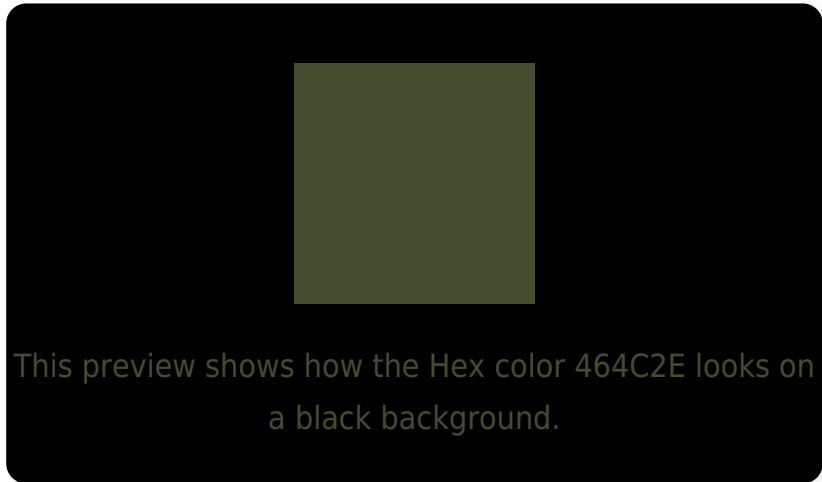
Large Text (above 18pt) WCAG AA ✓ Pass

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

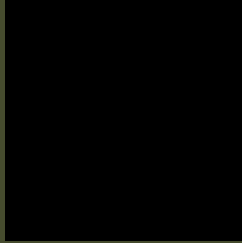
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

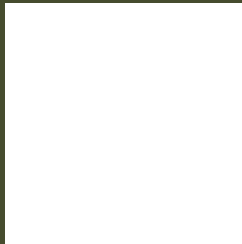
Any Text WCAG AAA × Fail

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

Hex 464C2E Background



This preview shows how black text looks on a background with the Hex color 464C2E.



This preview shows how white text looks on a background with the Hex color 464C2E.

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
464C2E

Protanopia
50492D

Deuteranopia
58462F



Tritanopia
4A484E

Trichromacy



Original Color
464C2E

Protanomaly
4C4A2D

Deuteranomaly
51482F

Tritanomaly
494942

Monochromacy



Original Color
464C2E

Achromatopsia
474747

Achromatomaly
47493E

CSS Examples

Text

The CSS property to change the color of the text to Hex 464C2E 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 #464C2E looks like.

```
.text, #text, p{  
    color:#464C2E  
}
```

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 #464C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464C2E
}
```

Border

The CSS property to change the border of an element to Hex 464C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

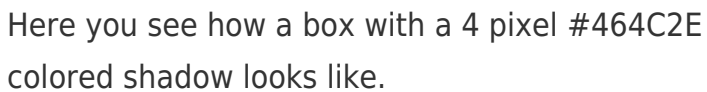
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464C2E }
```

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

```
.border{ border-color:#464C2E }
```

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



Here you see how a box with a 4 pixel #464C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464C2E; -webkit-box-shadow:4px 4px  
4px 4px #464C2E; box-shadow:4px 4px 4px  
4px #464C2E }
```

Background

The CSS property to change the background color of an element to Hex 464C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464C2E }
```

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

```
.background{ background-color:#464C2E }
```

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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