

Converting Colors

Hex(464C29)

Have a look what the booklet for
Hex(464C29) contains.

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Color

Hex(464C29)

Conversions

Conversions Part 1

Format	Color
Hex	464C29
RGB	70, 76, 41
RGB Percent	27%, 30%, 16%
CMY	0.7255, 0.7020, 0.8392
CMYK	0.08, 0.00, 0.46, 0.70
HSL	70°, 30%, 23%
HSV	70°, 46%, 30%
XYZ	5.5105, 6.6311, 3.0873
YIQ	70.2160, 7.6590, -12.1570

Conversions

Conversions Part 2

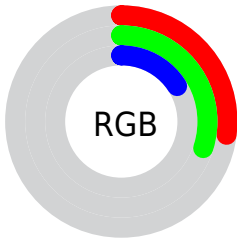
Format	Color
R_{YB}	41, 76, 47
Decimal	4607017
CIE Lab	30.95, -8.86, 19.96
CIE LCh	31, 21.843, 113.934
Yxy	6.6311, 0.3618, 0.4354
Android (android.graphics.Color)	4282797097 (0xFF464C29)
YUV	70.2160, -14.4035, -0.1894
Hunter-Lab	25.7509, -6.8665, 10.9172

Details

The Hex color **464C29** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2F294C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **777D57**, and **1B2000** is the 20% darker color. If you saturate the color by 10%, you get **454C21**, and if you desaturate by 10%, it is **474C31**.

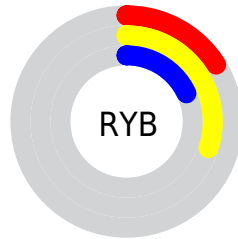
Distribution



Red (27%)

Green (30%)

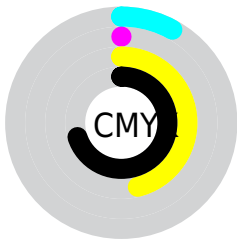
Blue (16%)



Red (16%)

Yellow (30%)

Blue (18%)

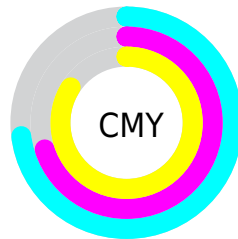


Cyan (8%)

Magenta (0%)

Yellow (46%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464C29 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 464C29 by changing the saturation by 10% instead.



464C29



464C29

FFFFFF



2F3514



777D57



1B2000



919770



000700



ACB189



000000



C7CDA3



E3E9BF



FFFFDB



FFFFF7



464C29



464C29

■ 454C21

■ 474C31

■ 434C1A

■ 494C38

■ 424C12

■ 4A4C40

■ 414C0B

■ 4B4C47

■ 3F4C03

■ 4D4C4F

■ 3F4C00

■ 4E4C57

■ 4F4C5E

■ 504C66

■ 524C6D

Harmonies

Analogous

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



574727



464C29



325034

Triad

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



464C29



025064



673C4D

Complementary

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



464C29



2F294C

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.



5B405D



464C29



294C6A

Square

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



464C29



005256



464668



6A3C3C

Rectangle

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



464C29



23513F



464668



643D53

Sweetspot

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



464C29



616356



4C2F29



32332A



B3B3B3



333333

Same Dimension

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



464C29



5A632D



354C29



262622



556600



BEE600

Inverse Universe

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



2F294C



362D63



40294C



232226



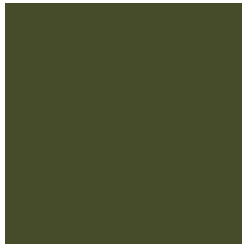
110066



2700E6

Previews

White Background



This preview shows how the Hex color 464C29 looks on a white background.

Color Contrast Check

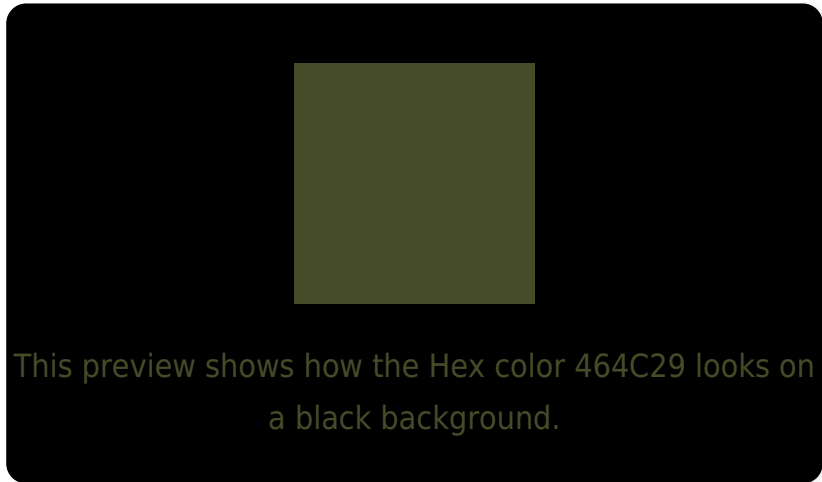
Large Text (above 18pt) WCAG AA ✓ Pass

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

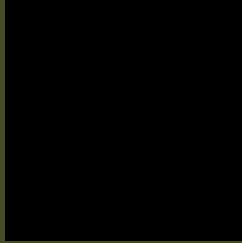
Any Text WCAG AA × Fail

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 464C29 Background



This preview shows how black text looks on a background with the Hex color 464C29.



This preview shows how white text looks on a background with the Hex color 464C29.

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
464C29

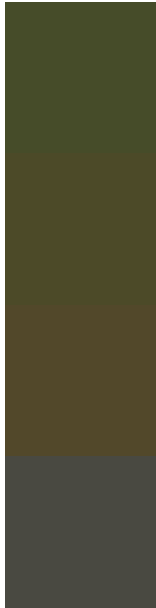
Protanopia
504928

Deuteranopia
59452B



Tritanopia
4A484E

Trichromacy



Original Color
464C29

Protanomaly
4C4A28

Deuteranomaly
52482A

Tritanomaly
494941

Monochromacy



Original Color
464C29

Achromatopsia
464646

Achromatomaly
46483B

CSS Examples

Text

The CSS property to change the color of the text to Hex 464C29 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 #464C29 looks like.

```
.text, #text, p{  
    color:#464C29  
}
```

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 #464C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464C29
}
```

Border

The CSS property to change the border of an element to Hex 464C29 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".

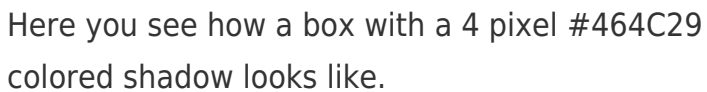
```
.border, #border, table{ border:4px solid
#464C29 }
```

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

```
.border{ border-color:#464C29 }
```

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

Here you see how a box with a 4 pixel #464C29 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and right sides. Below the box, there is a thick dark green horizontal bar that extends across the width of the box, creating a shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464C29; -webkit-box-shadow:4px 4px  
4px 4px #464C29; box-shadow:4px 4px 4px  
4px #464C29 }
```

Background

The CSS property to change the background color of an element to Hex 464C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464C29 }
```

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

```
.background{ background-color:#464C29 }
```

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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