

Converting Colors

Hex(464C1A)

Have a look what the booklet for
Hex(464C1A) contains.

Hex(464C1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(464C1A)

Conversions

Conversions Part 1

Format	Color
Hex	464C1A
RGB	70, 76, 26
RGB Percent	27%, 30%, 10%
CMY	0.7255, 0.7020, 0.8980
CMYK	0.08, 0.00, 0.66, 0.70
HSL	67°, 49%, 20%
HSV	67°, 66%, 30%
XYZ	5.2967, 6.5456, 1.9615
YIQ	68.5060, 12.4740, -16.8220

Conversions

Conversions Part 2

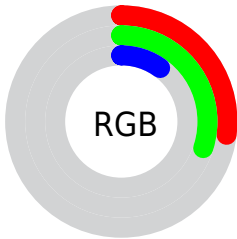
Format	Color
R_{YB}	26, 76, 32
Decimal	4607002
CIE Lab	30.75, -10.52, 28.17
CIE LCh	31, 30.074, 110.482
Yxy	6.5456, 0.3837, 0.4742
Android (android.graphics.Color)	4282797082 (0xFF464C1A)
YUV	68.5060, -20.9555, 1.3102
Hunter-Lab	25.5843, -7.8179, 13.3633

Details

The Hex color **464C1A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **201A4C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **787D48**, and **192000** is the 20% darker color. If you saturate the color by 10%, you get **454C12**, and if you desaturate by 10%, it is **474C22**.

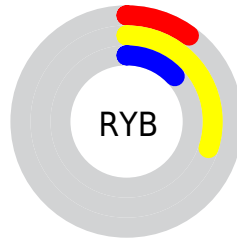
Distribution



Red (27%)

Green (30%)

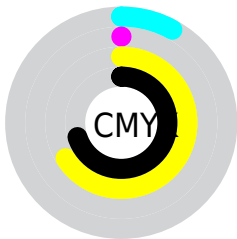
Blue (10%)



Red (10%)

Yellow (30%)

Blue (13%)

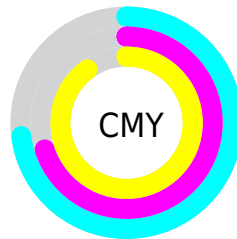


Cyan (8%)

Magenta (0%)

Yellow (66%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464C1A 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 464C1A by changing the saturation by 10% instead.



464C1A



464C1A

FFFFFF



2F3502



787D48



192000



929760



000500



ADB179



000000



C9CD93



E5E9AE



FFFFC4



FFFFEE



464C1A



464C1A

■ 454C12

■ 474C22

■ 444C0B

■ 484C29

■ 434C03

■ 494C31

■ 434C00

■ 4A4C38

■ 4B4C40

■ 4B4C48

■ 4C4C4F

■ 4D4C57

■ 4E4C5E

Harmonies

Analogous

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



5C4518



464C1A



2A5129

Triad

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



464C1A



00526C



703551

Complementary

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



464C1A



201A4C

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.



5E3C66



464C1A



004D76

Square

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



464C1A



005458



3D4574



743539

Rectangle

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



464C1A



0B5338



3D4574



6B3659

Sweetspot

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



464C1A



616350



4C201A



323327



B3B3B3



333333

Same Dimension

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



464C1A



5A6315



2D4C1A



262622



5A6600



CAE600

Inverse Universe

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



201A4C



1E1563



391A4C



232226



0C0066



1C00E6

Previews

White Background



This preview shows how the Hex color 464C1A looks on a white background.

Color Contrast Check

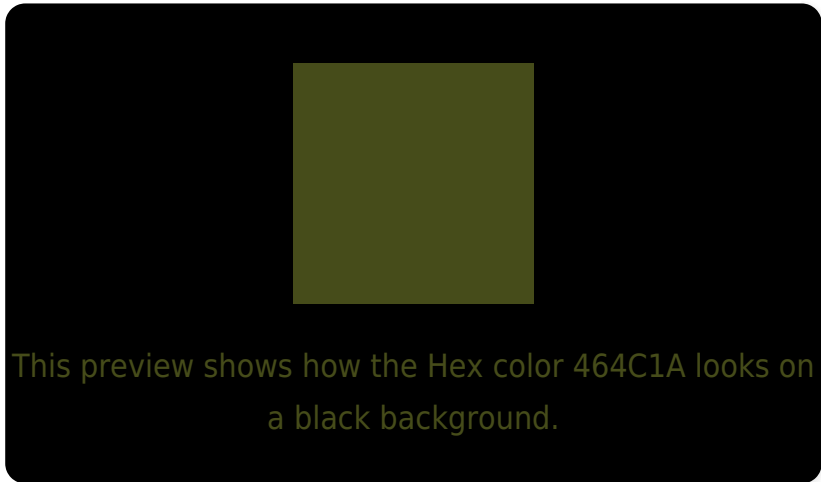
Large Text (above 18pt) WCAG AA ✓ Pass

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

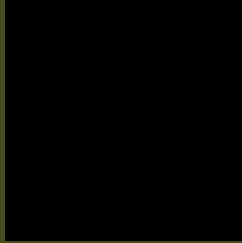
Any Text WCAG AA × Fail

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 464C1A Background



This preview shows how black text looks on a background with the Hex color 464C1A.



This preview shows how white text looks on a background with the Hex color 464C1A.

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
464C1A

Protanopia
514919

Deuteranopia
5A451C



Tritanopia
4B474D

Trichromacy



Original Color
464C1A

Protanomaly
4D4A19

Deuteranomaly
53481B

Tritanomaly
49493A

Monochromacy



Original Color
464C1A

Achromatopsia
454545

Achromatomaly
454835

CSS Examples

Text

The CSS property to change the color of the text to Hex 464C1A 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 #464C1A looks like.

```
.text, #text, p{  
    color:#464C1A  
}
```

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 #464C1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464C1A
}
```

Border

The CSS property to change the border of an element to Hex 464C1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

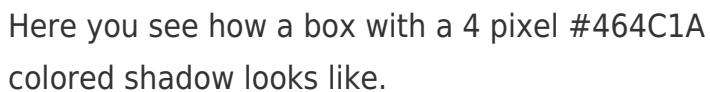
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464C1A }
```

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

```
.border{ border-color:#464C1A }
```

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



Here you see how a box with a 4 pixel #464C1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464C1A; -webkit-box-shadow:4px 4px  
4px 4px #464C1A; box-shadow:4px 4px 4px  
4px #464C1A }
```

Background

The CSS property to change the background color of an element to Hex 464C1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464C1A }
```

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

```
.background{ background-color:#464C1A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor