

Converting Colors

Hex(4E4220)

Have a look what the booklet for
Hex(4E4220) contains.

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Color

Hex(4E4220)

Conversions

Conversions Part 1

Format	Color
Hex	4E4220
RGB	78, 66, 32
RGB Percent	31%, 26%, 13%
CMY	0.6941, 0.7412, 0.8745
CMYK	0.00, 0.15, 0.59, 0.69
HSL	44°, 42%, 22%
HSV	44°, 59%, 31%
XYZ	5.3508, 5.6204, 2.1693
YIQ	65.7120, 18.0660, -8.0300

Conversions

Conversions Part 2

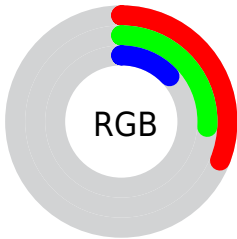
Format	Color
RYB	48, 78, 32
Decimal	5128736
CIELab	28.43, 0.10, 22.39
CIELCh	28, 22.391, 89.732
Yxy	5.6204, 0.4072, 0.4277
Android (android.graphics.Color)	4283318816 (0xFF4E4220)
YUV	65.7120, -16.6200, 10.7766
Hunter-Lab	23.7074, -1.2002, 11.1699

Details

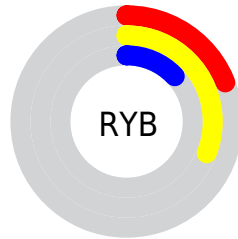
The Hex color **4E4220** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **202C4E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **80724D**, and **201800** is the 20% darker color. If you saturate the color by 10%, you get **4E4018**, and if you desaturate by 10%, it is **4E4428**.

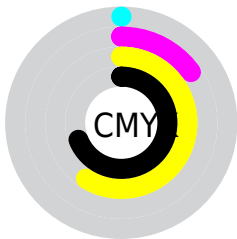
Distribution



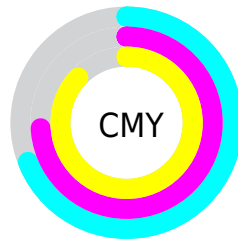
- Red (31%)
- Green (26%)
- Blue (13%)



- Red (19%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (59%)
- Black (69%)



- Cyan (69%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4220 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 4E4220 by changing the saturation by 10% instead.



4E4220



4E4220

FFFFFF



362C0A



80724D



201800



9B8B65



000000



B6A57F



D2C199



EFDCB4



FFF9CF



FFFFEB



4E4220



4E4220

■ 4E4018

■ 4E4428

■ 4E3E10

■ 4E4630

■ 4E3C09

■ 4E4837

■ 4E3A01

■ 4E4A3F

■ 4E3A00

■ 4E4C47

■ 4E4E4F

■ 4E5057

■ 4E525E

■ 4E5466

Harmonies

Analogous

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



5C3C26



4E4220



3C4724

Triad

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



4E4220



004C54



583855

Complementary

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



4E4220



202C4E

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.



443F61



4E4220



004960

Square

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



4E4220



084C42



274565



633544

Rectangle

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



4E4220



2F4A2C



274565



533A5A

Sweetspot

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



4E4220



666154



4E202C



333028



B3B3B3



333333

Same Dimension

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



4E4220



66531E



434E20



262522



664B00



E6AA00

Inverse Universe

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



202C4E



1E3066



2B204E



222326



001B66



003CE6

Previews

White Background



This preview shows how the Hex color 4E4220 looks on a white background.

Color Contrast Check

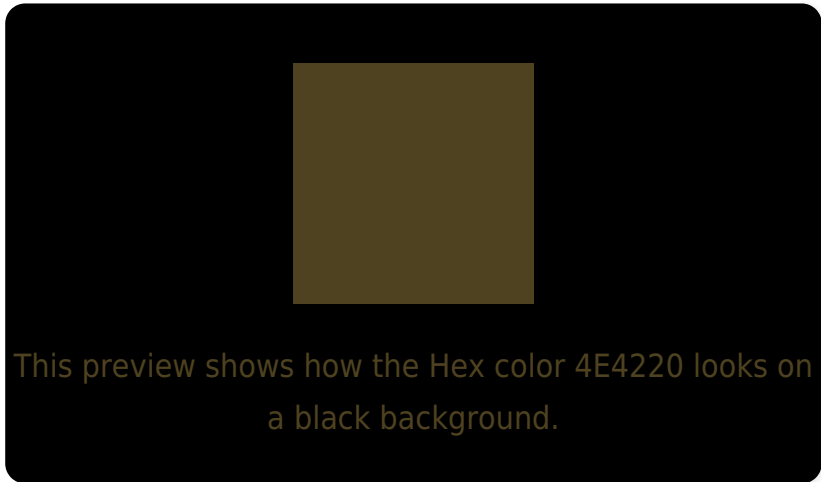
Large Text (above 18pt) WCAG AA ✓ Pass

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

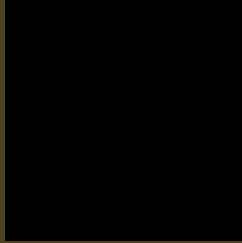
Any Text WCAG AA × Fail

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 4E4220 Background



This preview shows how black text looks on a background with the Hex color 4E4220.

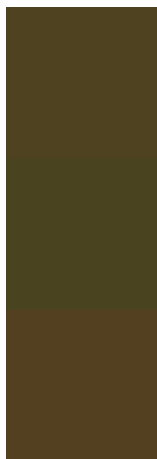


This preview shows how white text looks on a background with the Hex color 4E4220.

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

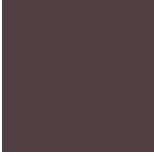
4E4220

Protanopia

4A4320

Deuteranopia

534021



Tritanopia
513E43

Trichromacy



Original Color
4E4220

Protanomaly
4B4320

Deuteranomaly
514121

Tritanomaly
503F36

Monochromacy



Original Color
4E4220

Achromatopsia
424242

Achromatomaly
464236

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4220 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 #4E4220 looks like.

```
.text, #text, p{  
    color:#4E4220  
}
```

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 #4E4220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4220
}
```

Border

The CSS property to change the border of an element to Hex 4E4220 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".

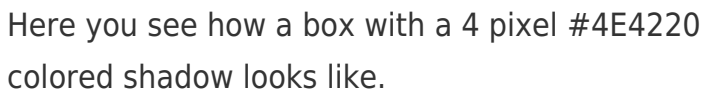
```
.border, #border, table{ border:4px solid
#4E4220 }
```

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

```
.border{ border-color:#4E4220 }
```

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

Here you see how a box with a 4 pixel #4E4220 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4220; -webkit-box-shadow:4px 4px  
4px 4px #4E4220; box-shadow:4px 4px 4px  
4px #4E4220 }
```

Background

The CSS property to change the background color of an element to Hex 4E4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4220 }
```

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

```
.background{ background-color:#4E4220 }
```

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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