

Converting Colors

Hex(4E4B21)

Have a look what the booklet for
Hex(4E4B21) contains.

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Color

Hex(4E4B21)

Conversions

Conversions Part 1

Format	Color
Hex	4E4B21
RGB	78, 75, 33
RGB Percent	31%, 29%, 13%
CMY	0.6941, 0.7059, 0.8706
CMYK	0.00, 0.04, 0.58, 0.69
HSL	56°, 41%, 22%
HSV	56°, 58%, 31%
XYZ	5.9325, 6.7617, 2.4313
YIQ	71.1090, 15.2700, -12.4260

Conversions

Conversions Part 2

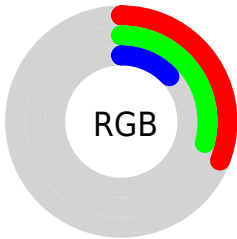
Format	Color
RYB	36, 78, 33
Decimal	5131041
CIELab	31.26, -5.36, 25.16
CIELCh	31, 25.725, 102.031
Yxy	6.7617, 0.3922, 0.4470
Android (android.graphics.Color)	4283321121 (0xFF4E4B21)
YUV	71.1090, -18.7877, 6.0434
Hunter-Lab	26.0032, -4.7819, 12.6586

Details

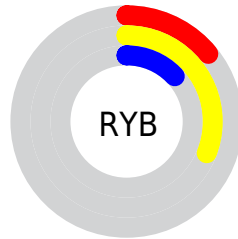
The Hex color **4E4B21** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21244E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **807C4F**, and **201F00** is the 20% darker color. If you saturate the color by 10%, you get **4E4A19**, and if you desaturate by 10%, it is **4E4C29**.

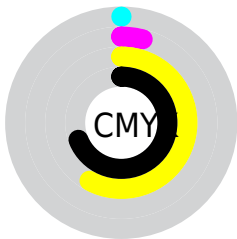
Distribution



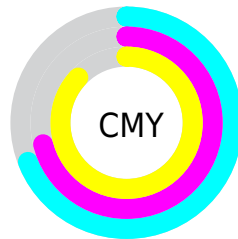
- Red (31%)
- Green (29%)
- Blue (13%)



- Red (14%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (69%)



- Cyan (69%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4B21 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 4E4B21 by changing the saturation by 10% instead.



4E4B21



4E4B21

FFFFFF



36340B



807C4F



201F00



9B9567



000900



B6B080



000000



D2CB9B



EFE7B6



FFFFD1



FFFEE



4E4B21



4E4B21

■ 4E4A19

■ 4E4C29

■ 4E4A11

■ 4E4C31

■ 4E490A

■ 4E4D38

■ 4E4902

■ 4E4D40

■ 4E4900

■ 4E4E48

■ 4E4E50

■ 4E4F58

■ 4E4F5F

■ 4E5067

Harmonies

Analogous

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



604423



4E4B21



38502B

Triad

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



4E4B21



005364



693B56

Complementary

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



4E4B21



21244E

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.



564168



4E4B21



014F6F

Square

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



4E4B21



005451



384971



703942

Rectangle

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



4E4B21



265236



384971



643D5D

Sweetspot

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



4E4B21



666555



4E2124



333229



B3B3B3



333333

Same Dimension

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



4E4B21



666120



3B4E21



262622



665F00



E6D600

Inverse Universe

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



21244E



202466



35214E



222326



000766



000FE6

Previews

White Background



This preview shows how the Hex color 4E4B21 looks on a white background.

Color Contrast Check

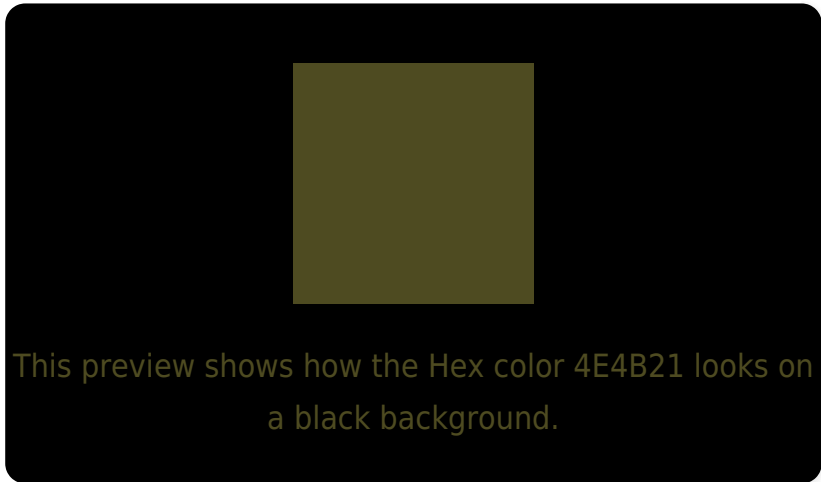
Large Text (above 18pt) WCAG AA ✓ Pass

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

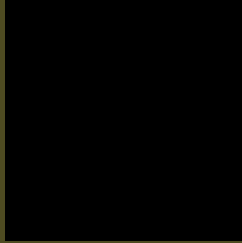
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

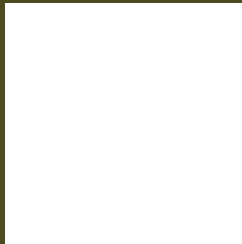
Any Text WCAG AAA × Fail

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

Hex 4E4B21 Background



This preview shows how black text looks on a background with the Hex color 4E4B21.



This preview shows how white text looks on a background with the Hex color 4E4B21.

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

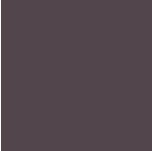
4E4B21

Protanopia

524A21

Deuteranopia

5B4622



Tritanopia
52464C

Trichromacy



Original Color
4E4B21

Protanomaly
514A21

Deuteranomaly
564822

Tritanomaly
51483C

Monochromacy



Original Color
4E4B21

Achromatopsia
474747

Achromatomaly
4A4839

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4B21 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 #4E4B21 looks like.

```
.text, #text, p{  
    color:#4E4B21  
}
```

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 #4E4B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4B21
}
```

Border

The CSS property to change the border of an element to Hex 4E4B21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

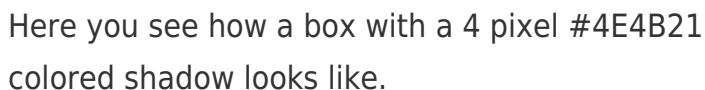
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4B21 }
```

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

```
.border{ border-color:#4E4B21 }
```

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



Here you see how a box with a 4 pixel #4E4B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4B21; -webkit-box-shadow:4px 4px  
4px 4px #4E4B21; box-shadow:4px 4px 4px  
4px #4E4B21 }
```

Background

The CSS property to change the background color of an element to Hex 4E4B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4B21 }
```

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

```
.background{ background-color:#4E4B21 }
```

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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