

Converting Colors

Hex(4E4200)

Have a look what the booklet for
Hex(4E4200) contains.

Hex(4E4200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(4E4200)

Conversions

Conversions Part 1

Format	Color
Hex	4E4200
RGB	78, 66, 0
RGB Percent	31%, 26%, 0%
CMY	0.6941, 0.7412, 1.0000
CMYK	0.00, 0.15, 1.00, 0.69
HSL	51°, 100%, 15%
HSV	51°, 100%, 31%
XYZ	5.0901, 5.5161, 0.7964
YIQ	62.0640, 28.3380, -17.9820

Conversions

Conversions Part 2

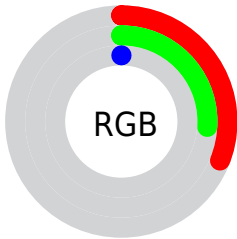
Format	Color
RYB	14, 78, 0
Decimal	5128704
CIELab	28.16, -1.87, 37.16
CIELCh	28, 37.202, 92.877
Yxy	5.5161, 0.4464, 0.4838
Android (android.graphics.Color)	4283318784 (0xFF4E4200)
YUV	62.0640, -30.5976, 13.9759
Hunter-Lab	23.4864, -2.4159, 14.4299

Details

The Hex color **4E4200** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000C4E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **827231**, and **1D1800** is the 20% darker color. If you saturate the color by 10%, you get **4E4200**, and if you desaturate by 10%, it is **4E4308**.

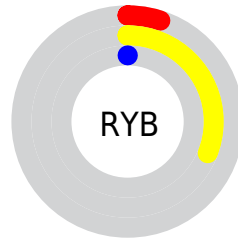
Distribution



Red (31%)

Green (26%)

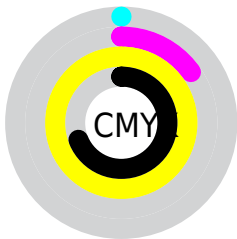
Blue (0%)



Red (5%)

Yellow (31%)

Blue (0%)

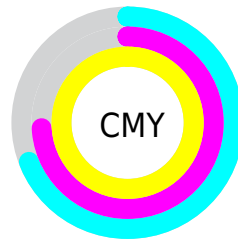


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4200 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 4E4200 by changing the saturation by 10% instead.

 4E4200

 4E4200

 FFFFE9

 362C00

 827231

 1D1800

 9D8B4A

 000000

 B9A562

 D6C07C

 F3DC96

 FFF9B1

 FFFFCD

 4E4200

■ 4E4308

■ 4E4410

■ 4E4617

■ 4E471F

■ 4E4827

■ 4E492F

■ 4E4A37

■ 4E4C3E

■ 4E4D46

Harmonies

Analogous

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



65370D



4E4200



314A0C

Triad

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



4E4200



004F61



672D5D

Complementary

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



4E4200



000C4E

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.



463A73



4E4200



004C75

Square

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



4E4200



005044



00457C



752641

Rectangle

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



4E4200



144D1E



00457C



5E3165

Sweetspot

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



4E4200



666147



4E000D



333021



B3B3B3



333333

Same Dimension

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



4E4200



665600



344E00



262622



E6C200

Inverse Universe

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



000C4E



001066



1A004E



222326



0023E6

Previews

White Background



This preview shows how the Hex color 4E4200 looks on a white background.

Color Contrast Check

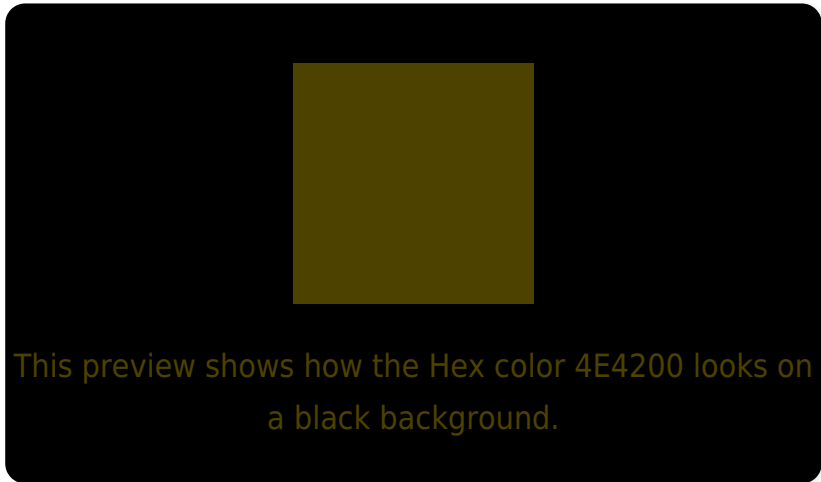
Large Text (above 18pt) WCAG AA ✓ Pass

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

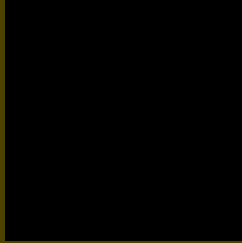
Any Text WCAG AA × Fail

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 4E4200 Background



This preview shows how black text looks on a background with the Hex color 4E4200.

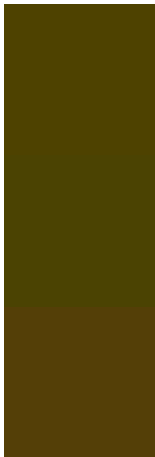


This preview shows how white text looks on a background with the Hex color 4E4200.

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
4E4200

Protanopia
4B4302

Deuteranopia
543F07



Tritanopia
523D42

Trichromacy



Original Color
4E4200

Protanomaly
4C4301

Deuteranomaly
524004

Tritanomaly
513F2A

Monochromacy



Original Color
4E4200

Achromatopsia
3E3E3E

Achromatomaly
443F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4200 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 #4E4200 looks like.

```
.text, #text, p{  
    color:#4E4200  
}
```

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 #4E4200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4200
}
```

Border

The CSS property to change the border of an element to Hex 4E4200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

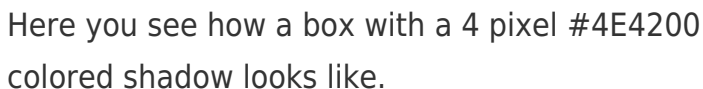
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4200 }
```

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

```
.border{ border-color:#4E4200 }
```

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



Here you see how a box with a 4 pixel #4E4200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4200; -webkit-box-shadow:4px 4px  
4px 4px #4E4200; box-shadow:4px 4px 4px  
4px #4E4200 }
```

Background

The CSS property to change the background color of an element to Hex 4E4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4200 }
```

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

```
.background{ background-color:#4E4200 }
```

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