

# Converting Colors

Hex(4E5E02)

Have a look what the booklet for  
Hex(4E5E02) contains.

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**Color**

**Hex(4E5E02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E5E02
RGB	78, 94, 2
RGB Percent	31%, 37%, 1%
CMY	0.6941, 0.6314, 0.9922
CMYK	0.17, 0.00, 0.98, 0.63
HSL	70°, 96%, 19%
HSV	70°, 98%, 37%
XYZ	7.1555, 9.6295, 1.5390
YIQ	78.7280, 19.9960, -32.0040

# Conversions

## Conversions Part 2

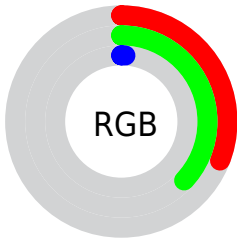
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 94, 18
Decimal	5135874
CIE <sub>Lab</sub>	37.17, -18.05, 43.31
CIE <sub>LCh</sub>	37, 46.926, 112.626
Yxy	9.6295, 0.3905, 0.5255
Android (android.graphics.Color)	4283325954 (0xFF4E5E02)
YUV	78.7280, -37.8269, -0.6385
Hunter-Lab	31.0314, -13.1446, 18.7816

# Details

The Hex color **4E5E02** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12025E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **82903A**, and **1D3000** is the 20% darker color. If you saturate the color by 10%, you get **4E5E00**, and if you desaturate by 10%, it is **505E0B**.

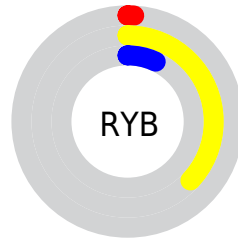
# Distribution



Red (31%)

Green (37%)

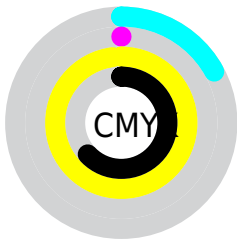
Blue (1%)



Red (1%)

Yellow (37%)

Blue (7%)

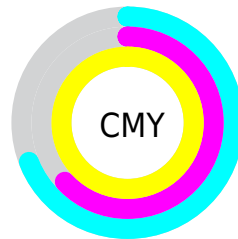


Cyan (17%)

Magenta (0%)

Yellow (98%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5E02 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 4E5E02 by changing the saturation by 10% instead.





4E5E02



4E5E02



FFFFFF6



364600



82903A



1D3000



9DAB53



001C00



B9C66C



000000



D5E286



F2FFA1



FFFFBD



FFFFD9



4E5E02



4E5E02

■ 4E5E00

■ 505E0B

■ 515E15

■ 535E1E

■ 555E28

■ 565E31

■ 585E3A

■ 595E44

■ 5B5E4D

■ 5D5E57

# Harmonies

## Analogous

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



715200



4E5E02



186526

# Triad

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



4E5E02



006693



963262

# Complementary

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



4E5E02



12025E

# 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.



7C4086



4E5E02



005FA3

# Square

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



4E5E02



006974



44519E



9A343D

# Rectangle

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



4E5E02



00683F



44519E



90356F



# Sweetspot

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



4E5E02



747A57



5E1102



393D28



BDBDBD



3D3D3D



# Same Dimension

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



4E5E02



657A00



215E02



2D2E29



5B6E00



C4ED00



# Inverse Universe

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



12025E



15007A



3F025E



2A292E



13006E



2900ED



# Previews

## White Background



This preview shows how the Hex color 4E5E02 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 4E5E02 Background



This preview shows how black text looks on a background with the Hex color 4E5E02.



This preview shows how white text looks on a background with the Hex color 4E5E02.

# 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**  
4E5E02

**Protanopia**  
635800

**Deuteranopia**  
6E5311



**Tritanopia**  
56575E

# Trichromacy



**Original Color**  
4E5E02

**Protanomaly**  
5B5A01

**Deuteranomaly**  
62570C

**Tritanomaly**  
535A3D

# Monochromacy



**Original Color**  
4E5E02

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
4F5433

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5E02 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 #4E5E02 looks like.

```
.text, #text, p{  
    color:#4E5E02  
}
```

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 #4E5E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5E02
}
```

## Border

The CSS property to change the border of an element to Hex 4E5E02 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
#4E5E02 }
```

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

```
.border{ border-color:#4E5E02 }
```

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

Here you see how a box with a 4 pixel #4E5E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5E02; -webkit-box-shadow:4px 4px  
4px 4px #4E5E02; box-shadow:4px 4px 4px  
4px #4E5E02 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5E02 }
```

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

```
.background{ background-color:#4E5E02 }
```

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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