

Converting Colors

Hex(4E560C)

Have a look what the booklet for
Hex(4E560C) contains.

Hex(4E560C)	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(4E560C)

Conversions

Conversions Part 1

Format	Color
Hex	4E560C
RGB	78, 86, 12
RGB Percent	31%, 34%, 5%
CMY	0.6941, 0.6627, 0.9529
CMYK	0.09, 0.00, 0.86, 0.66
HSL	66°, 76%, 19%
HSV	66°, 86%, 34%
XYZ	6.5360, 8.3018, 1.6058
YIQ	75.1720, 18.9860, -24.7100

Conversions

Conversions Part 2

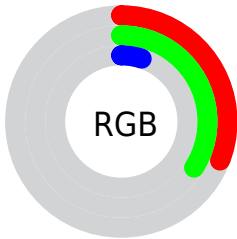
Format	Color
R_{YB}	12, 86, 20
Decimal	5133836
CIE Lab	34.60, -13.27, 38.20
CIE LCh	35, 40.442, 109.159
Yxy	8.3018, 0.3975, 0.5049
Android (android.graphics.Color)	4283323916 (0xFF4E560C)
YUV	75.1720, -31.1438, 2.4802
Hunter-Lab	28.8129, -9.9309, 16.8648

Details

The Hex color **4E560C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **140C56**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **82883E**, and **1E2900** is the 20% darker color. If you saturate the color by 10%, you get **4D5603**, and if you desaturate by 10%, it is **4F5615**.

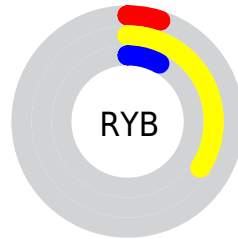
Distribution



 Red (31%)

 Green (34%)

 Blue (5%)




 Red (5%)

 Yellow (34%)

 Blue (8%)

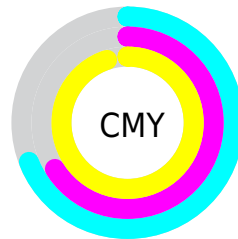


 Cyan (9%)

 Magenta (0%)

 Yellow (86%)

 Black (66%)



 Cyan (69%)

 Magenta (66%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E560C 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 4E560C by changing the saturation by 10% instead.

 4E560C

 4E560C

 FFFFFFF9

 363F00

 82883E

 1E2900

 9CA257

 001600

 B8BD70

 000000

 D4D98A

 F1F5A5

 FFFFC0

 FFFFDD

 4E560C

 4E560C

■ 4D5603

■ 4F5615

■ 4D5600

■ 50561D

■ 515626

■ 52562E

■ 535637

■ 545640

■ 555648

■ 555651

■ 565659

Harmonies

Analogous

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



6C4C0B



4E560C



265D25

Triad

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



4E560C



005E82



86345E

Complementary

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



4E560C



140C56

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.



6D407C



4E560C



005891

Square

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



4E560C



006166



3B4E8E



8B343E

Rectangle

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



4E560C



005F39



3B4E8E



803769

Sweetspot

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



4E560C



6D7053



56130C



363827



B8B8B8



383838

Same Dimension

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



4E560C



647000



2A560C



2B2B27



606B00



D1EB00

Inverse Universe

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



140C56



0C0070



380C56



27272B



0C006B



1900EB

Previews

White Background



This preview shows how the Hex color 4E560C looks on a white background.

Color Contrast Check

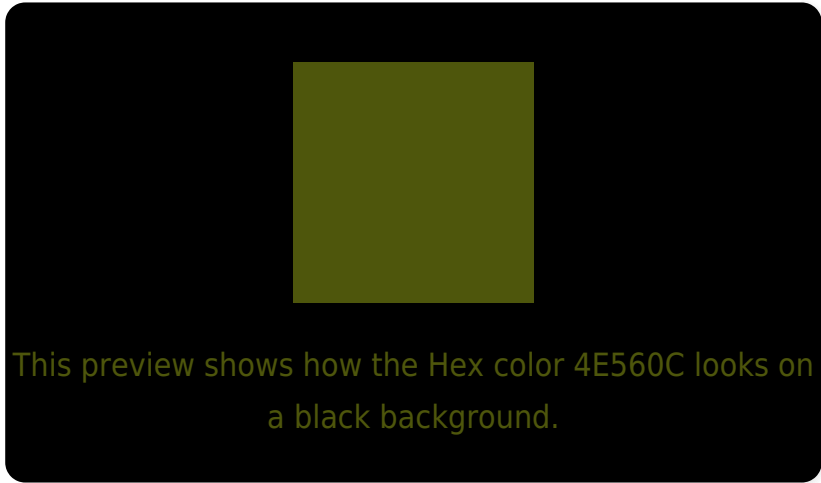
Large Text (above 18pt) WCAG AA ✓ Pass

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

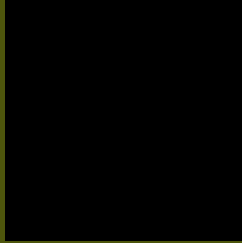
Any Text WCAG AA × Fail

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 4E560C Background



This preview shows how black text looks on a background with the Hex color 4E560C.



This preview shows how white text looks on a background with the Hex color 4E560C.

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
4E560C

Protanopia
5C520B

Deuteranopia
664D12



Tritanopia
545056

Trichromacy



Original Color
4E560C

Protanomaly
57530B

Deuteranomaly
5D5010

Tritanomaly
52523B

Monochromacy



Original Color
4E560C

Achromatopsia
4B4B4B

Achromatomaly
4C4F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E560C 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 #4E560C looks like.

```
.text, #text, p{  
    color:#4E560C  
}
```

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 #4E560C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E560C
}
```

Border

The CSS property to change the border of an element to Hex 4E560C is called "border". The border property can be set on classes, ids or directly on the HTML element.

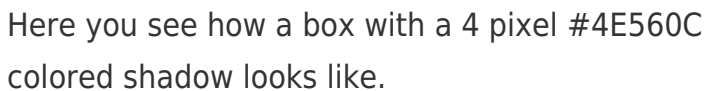
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E560C }
```

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

```
.border{ border-color:#4E560C }
```

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



Here you see how a box with a 4 pixel #4E560C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E560C; -webkit-box-shadow:4px 4px  
4px 4px #4E560C; box-shadow:4px 4px 4px  
4px #4E560C }
```

Background

The CSS property to change the background color of an element to Hex 4E560C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E560C }
```

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

```
.background{ background-color:#4E560C }
```

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