

Converting Colors

Hex(4E5310)

Have a look what the booklet for
Hex(4E5310) contains.

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Color

Hex(4E5310)

Conversions

Conversions Part 1

Format	Color
Hex	4E5310
RGB	78, 83, 16
RGB Percent	31%, 33%, 6%
CMY	0.6941, 0.6745, 0.9373
CMYK	0.06, 0.00, 0.81, 0.67
HSL	64°, 68%, 19%
HSV	64°, 81%, 33%
XYZ	6.3287, 7.8436, 1.6706
YIQ	73.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

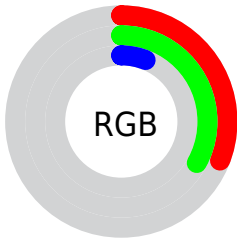
Format	Color
R_{YB}	16, 83, 21
Decimal	5133072
CIE _{Lab}	33.66, -11.37, 35.91
CIE _{LCh}	34, 37.672, 107.572
Yxy	7.8436, 0.3995, 0.4951
Android (android.graphics.Color)	4283323152 (0xFF4E5310)
YUV	73.8670, -28.5284, 3.6246
Hunter-Lab	28.0065, -8.6754, 16.0678

Details

The Hex color **4E5310** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **151053**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **818440**, and **1E2600** is the 20% darker color. If you saturate the color by 10%, you get **4D5308**, and if you desaturate by 10%, it is **4F5318**.

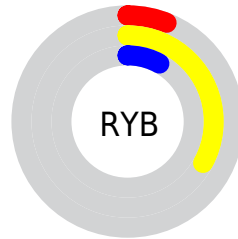
Distribution



Red (31%)

Green (33%)

Blue (6%)



Red (6%)

Yellow (33%)

Blue (8%)

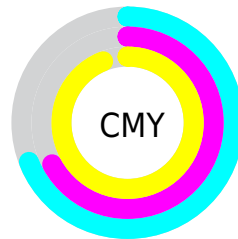


Cyan (6%)

Magenta (0%)

Yellow (81%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5310 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 4E5310 by changing the saturation by 10% instead.

 4E5310

 4E5310

 FFFFFB

 363C00

 818440

 1E2600

 9C9E59

 001300

 B8B972

 000000

 D4D58C

 F1F1A7

 FFFFC2

 FFFFDF

 4E5310

 4E5310

■ 4D5308

■ 4F5318

■ 4D5300

■ 4F5321

■ 505329

■ 505331

■ 515339

■ 525342

■ 52534A

■ 535352

■ 54535B

Harmonies

Analogous

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



694910



4E5310



2B5925

Triad

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



4E5310



005C7B



7F355D

Complementary

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



4E5310



151053

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.



674078



4E5310



005689

Square

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



4E5310



005D60



384C88



85343F

Rectangle

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



4E5310



005C37



384C88



793867

Sweetspot

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



4E5310



696B51



531410



343626



B5B5B5



363636

Same Dimension

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



4E5310



636B03



2D5310



282925



616900



D7E800

Inverse Universe

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



151053



0B036B



361053



252529



080069



1100E8

Previews

White Background



This preview shows how the Hex color 4E5310 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

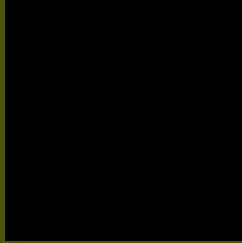
Any Text WCAG AA × Fail

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 4E5310 Background



This preview shows how black text looks on a background with the Hex color 4E5310.



This preview shows how white text looks on a background with the Hex color 4E5310.

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
4E5310

Protanopia
594F0F

Deuteranopia
644B14



Tritanopia
544D53

Trichromacy



Original Color
4E5310

Protanomaly
55500F

Deuteranomaly
5C4E13

Tritanomaly
524F3B

Monochromacy



Original Color
4E5310

Achromatopsia
4A4A4A

Achromatomaly
4B4D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5310 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 #4E5310 looks like.

```
.text, #text, p{  
    color:#4E5310  
}
```

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 #4E5310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5310
}
```

Border

The CSS property to change the border of an element to Hex 4E5310 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
#4E5310 }
```

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

```
.border{ border-color:#4E5310 }
```

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

Here you see how a box with a 4 pixel #4E5310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5310; -webkit-box-shadow:4px 4px  
4px 4px #4E5310; box-shadow:4px 4px 4px  
4px #4E5310 }
```

Background

The CSS property to change the background color of an element to Hex 4E5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5310 }
```

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

```
.background{ background-color:#4E5310 }
```

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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