

Converting Colors

Hex(4C5035)

Have a look what the booklet for
Hex(4C5035) contains.

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Color

Hex(4C5035)

Conversions

Conversions Part 1

Format	Color
Hex	4C5035
RGB	76, 80, 53
RGB Percent	30%, 31%, 21%
CMY	0.7020, 0.6863, 0.7922
CMYK	0.05, 0.00, 0.34, 0.69
HSL	69°, 20%, 26%
HSV	69°, 34%, 31%
XYZ	6.4918, 7.5309, 4.4796
YIQ	75.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

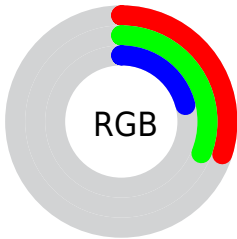
Format	Color
RYB	53, 80, 57
Decimal	5001269
CIELab	32.99, -6.76, 15.42
CIELCh	33, 16.834, 113.692
Yxy	7.5309, 0.3509, 0.4070
Android (android.graphics.Color)	4283191349 (0xFF4C5035)
YUV	75.7260, -11.2039, 0.2403
Hunter-Lab	27.4424, -5.7984, 9.5314

Details

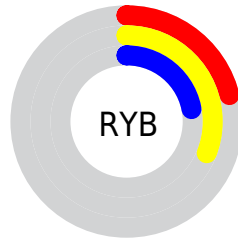
The Hex color **4C5035** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393550**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D8164**, and **202409** is the 20% darker color. If you saturate the color by 10%, you get **4B502D**, and if you desaturate by 10%, it is **4D503D**.

Distribution



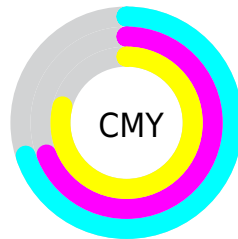
- Red (30%)
- Green (31%)
- Blue (21%)



- Red (21%)
- Yellow (31%)
- Blue (22%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5035 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 4C5035 by changing the saturation by 10% instead.

 4C5035

 4C5035


FFFFFF

 35391F

 7D8164

 202409

 979B7D

 000F00

 B2B697

 000000

 CED2B2

 EAEECD

 FFFFE9

 4C5035

 4C5035

 4B502D

 4D503D

■ 4A5025

■ 4E5045

■ 48501D

■ 50504D

■ 475015

■ 515055

■ 46500D

■ 52505D

■ 455005

■ 535065

■ 445000

■ 54506D

■ 555075

■ 57507D

Harmonies

Analogous

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



5A4C33



4C5035



3D533D

Triad

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



4C5035



285363



664451

Complementary

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



4C5035



393550

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.



5C475D



4C5035



385068

Square

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



4C5035



245558



4C4B66



684444

Rectangle

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



4C5035



335446



4C4B66



634555

Sweetspot

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



4C5035



67695E



503935



35362F



B5B5B5



363636

Same Dimension

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



4C5035



62693E



3F5035



282925



596900



C6E800

Inverse Universe

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



393550



443E69



463550



252529



0F0069



2200E8

Previews

White Background



This preview shows how the Hex color 4C5035 looks on a white background.

Color Contrast Check

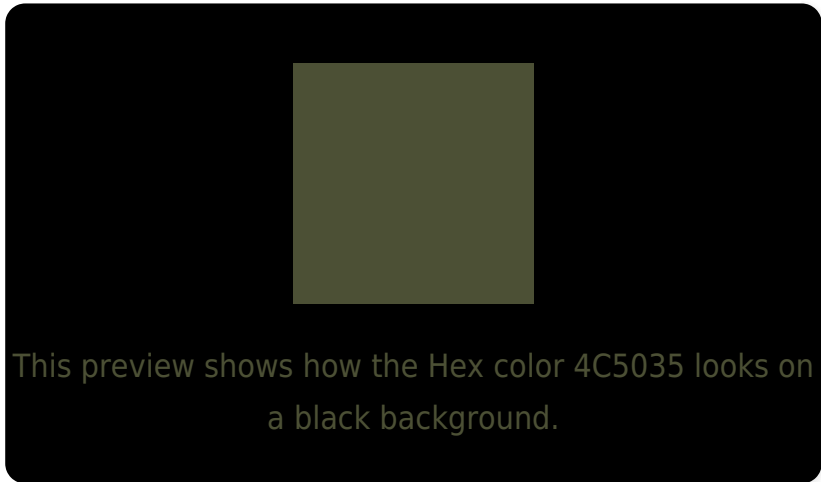
Large Text (above 18pt) WCAG AA ✓ Pass

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

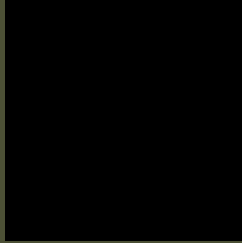
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

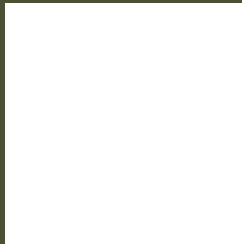
Any Text WCAG AAA × Fail

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

Hex 4C5035 Background



This preview shows how black text looks on a background with the Hex color 4C5035.

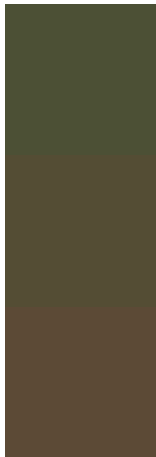


This preview shows how white text looks on a background with the Hex color 4C5035.

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
4C5035

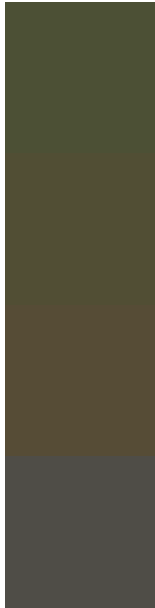
Protanopia
544D34

Deuteranopia
5C4A36



Tritanopia
504C52

Trichromacy



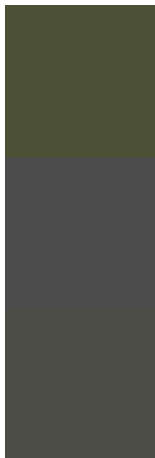
Original Color
4C5035

Protanomaly
514E34

Deuteranomaly
564C36

Tritanomaly
4F4D47

Monochromacy



Original Color
4C5035

Achromatopsia
4C4C4C

Achromatomaly
4C4D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5035 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 #4C5035 looks like.

```
.text, #text, p{  
    color:#4C5035  
}
```

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 #4C5035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5035
}
```

Border

The CSS property to change the border of an element to Hex 4C5035 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
#4C5035 }
```

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

```
.border{ border-color:#4C5035 }
```

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

Here you see how a box with a 4 pixel #4C5035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5035; -webkit-box-shadow:4px 4px  
4px 4px #4C5035; box-shadow:4px 4px 4px  
4px #4C5035 }
```

Background

The CSS property to change the background color of an element to Hex 4C5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5035 }
```

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

```
.background{ background-color:#4C5035 }
```

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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