

Converting Colors

Hex(4C5638)

Have a look what the booklet for
Hex(4C5638) contains.

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Color

Hex(4C5638)

Conversions

Conversions Part 1

Format	Color
Hex	4C5638
RGB	76, 86, 56
RGB Percent	30%, 34%, 22%
CMY	0.7020, 0.6627, 0.7804
CMYK	0.12, 0.00, 0.35, 0.66
HSL	80°, 21%, 28%
HSV	80°, 35%, 34%
XYZ	7.0221, 8.4776, 5.0076
YIQ	79.5900, 3.6700, -11.4500

Conversions

Conversions Part 2

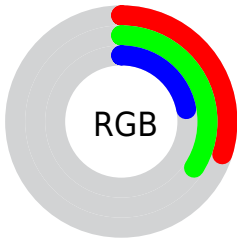
Format	Color
R_{YB}	56, 86, 66
Decimal	5002808
CIE _{Lab}	34.96, -9.84, 16.20
CIE _{LCh}	35, 18.959, 121.282
Yxy	8.4776, 0.3424, 0.4134
Android (android.graphics.Color)	4283192888 (0xFF4C5638)
YUV	79.5900, -11.6299, -3.1484
Hunter-Lab	29.1163, -7.9041, 10.1843

Details

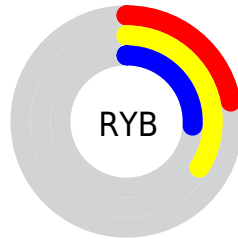
The Hex color **4C5638** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **423856**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7D8867**, and **1F290D** is the 20% darker color. If you saturate the color by 10%, you get **49562F**, and if you desaturate by 10%, it is **4F5641**.

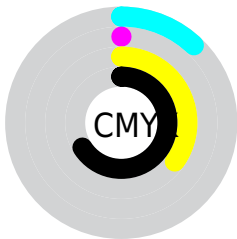
Distribution



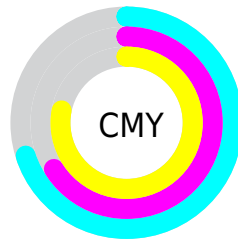
- Red (30%)
- Green (34%)
- Blue (22%)



- Red (22%)
- Yellow (34%)
- Blue (26%)



- Cyan (12%)
- Magenta (0%)
- Yellow (35%)
- Black (66%)



- Cyan (70%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5638 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 4C5638 by changing the saturation by 10% instead.



4C5638



4C5638

FFFFFF



353F22



7D8867



1F290D



97A280



021500



B2BD9A



000000



CED9B5



EAF5D1



FFFFED



4C5638



4C5638



49562F



4F5641

■ 465627

■ 525649

■ 43561E

■ 555652

■ 415616

■ 57565A

■ 3E560D

■ 5A5663

■ 3B5604

■ 5D566C

■ 395600

■ 605674

■ 63567D

■ 665685

Harmonies

Analogous

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



5C5134



4C5638



3A5943

Triad

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



4C5638



29586C



6F4752

Complementary

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



4C5638



423856

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.



664961



4C5638



3F5370

Square

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



4C5638



1F5A61



554E6C



704843

Rectangle

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



4C5638



2E5A4D



554E6C



6D4757

Sweetspot

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



4C5638



6C7065



564238



363831



B8B8B8



383838

Same Dimension

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



4C5638



607041



3D5638



2A2B27



476B00



9CEB00

Inverse Universe

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



423856



514170



513856



28272B



24006B



4E00EB

Previews

White Background



This preview shows how the Hex color 4C5638 looks on a white background.

Color Contrast Check

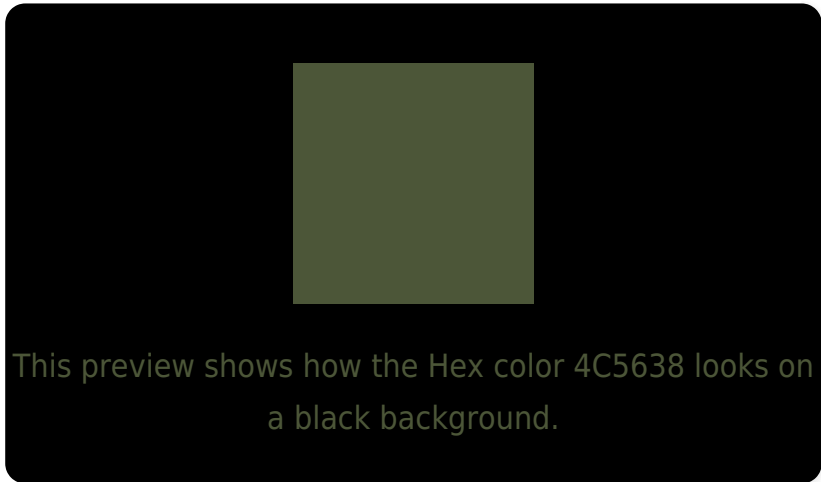
Large Text (above 18pt) WCAG AA ✓ Pass

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

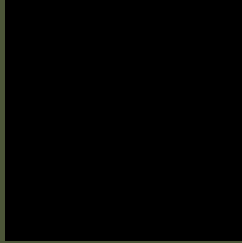
Any Text WCAG AA × Fail

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 4C5638 Background



This preview shows how black text looks on a background with the Hex color 4C5638.

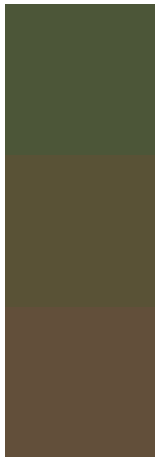


This preview shows how white text looks on a background with the Hex color 4C5638.

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
4C5638

Protanopia
595236

Deuteranopia
624F3A



Tritanopia
505258

Trichromacy



Original Color
4C5638

Protanomaly
545337

Deuteranomaly
5A5239

Tritanomaly
4F534C

Monochromacy



Original Color
4C5638

Achromatopsia
505050

Achromatomaly
4F5247

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5638 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 #4C5638 looks like.

```
.text, #text, p{  
    color:#4C5638  
}
```

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 #4C5638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5638
}
```

Border

The CSS property to change the border of an element to Hex 4C5638 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
#4C5638 }
```

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

```
.border{ border-color:#4C5638 }
```

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

Here you see how a box with a 4 pixel #4C5638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5638; -webkit-box-shadow:4px 4px  
4px 4px #4C5638; box-shadow:4px 4px 4px  
4px #4C5638 }
```

Background

The CSS property to change the background color of an element to Hex 4C5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5638 }
```

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

```
.background{ background-color:#4C5638 }
```

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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