

Converting Colors

Hex(4C4D37)

Have a look what the booklet for
Hex(4C4D37) contains.

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Color

Hex(4C4D37)

Conversions

Conversions Part 1

Format	Color
Hex	4C4D37
RGB	76, 77, 55
RGB Percent	30%, 30%, 22%
CMY	0.7020, 0.6980, 0.7843
CMYK	0.01, 0.00, 0.29, 0.70
HSL	63°, 17%, 26%
HSV	63°, 29%, 30%
XYZ	6.3240, 7.1201, 4.6554
YIQ	74.1930, 6.4660, -7.0540

Conversions

Conversions Part 2

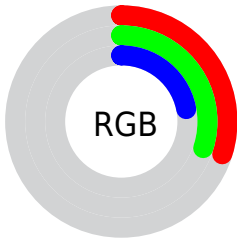
Format	Color
RYB	55, 77, 56
Decimal	5000503
CIELab	32.08, -4.63, 12.96
CIElCh	32, 13.761, 109.658
Yxy	7.1201, 0.3494, 0.3934
Android (android.graphics.Color)	4283190583 (0xFF4C4D37)
YUV	74.1930, -9.4621, 1.5847
Hunter-Lab	26.6835, -4.3918, 8.3342

Details

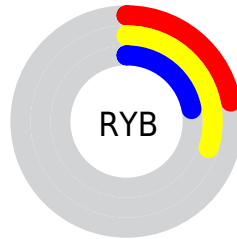
The Hex color **4C4D37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38374D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7D7E66**, and **20210C** is the 20% darker color. If you saturate the color by 10%, you get **4C4D2F**, and if you desaturate by 10%, it is **4C4D3F**.

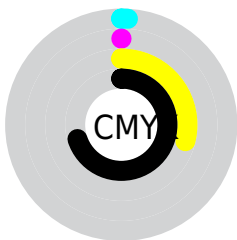
Distribution



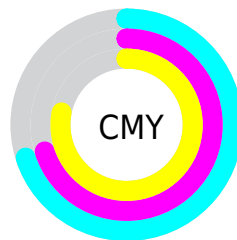
- Red (30%)
- Green (30%)
- Blue (22%)



- Red (22%)
- Yellow (30%)
- Blue (22%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D37 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 4C4D37 by changing the saturation by 10% instead.



4C4D37



4C4D37

FFFFFF



353621



7D7E66



20210C



97987F



000B00



B2B299



000000



CDCEB4



EAEACF



FFFFE0



4C4D37



4C4D37



4C4D2F



4C4D3F

■ 4B4D28

■ 4D4D46

■ 4B4D20

■ 4D4D4E

■ 4B4D18

■ 4D4D56

■ 4A4D11

■ 4E4D5E

■ 4A4D09

■ 4E4D65

■ 4A4D01

■ 4E4D6D

■ 4A4D00

■ 4F4D75

■ 4F4D7C

Harmonies

Analogous

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



574936



4C4D37



40503D

Triad

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



4C4D37



2E505C



5F4450

Complementary

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



4C4D37



38374D

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.



56465A



4C4D37



394E60

Square

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



4C4D37



2D5152



484A60



624445

Rectangle

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



4C4D37



385144



484A60



5C4553

Sweetspot

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



4C4D37



63635A



4D3837



33332D



B3B3B3



333333

Same Dimension

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



4C4D37



626342



414D37



262622



616600



DBE600

Inverse Universe

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



38374D



434263



43374D



232226



050066



0A00E6

Previews

White Background



This preview shows how the Hex color 4C4D37 looks on a white background.

Color Contrast Check

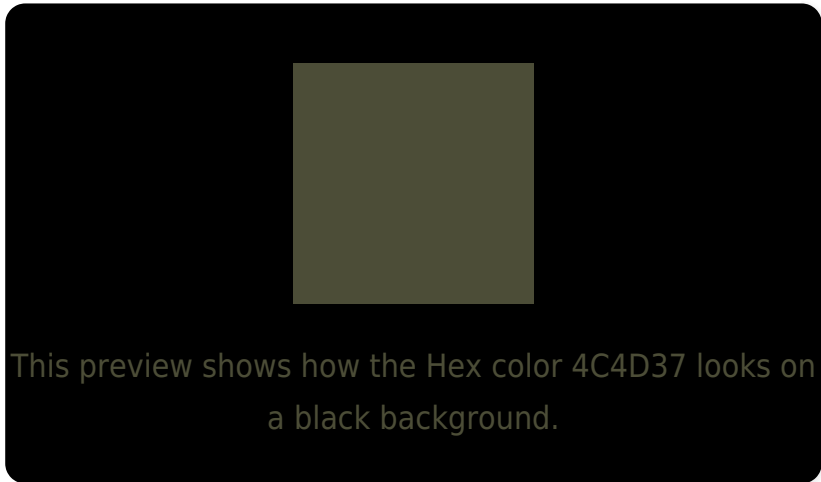
Large Text (above 18pt) WCAG AA ✓ Pass

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

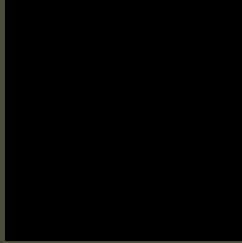
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

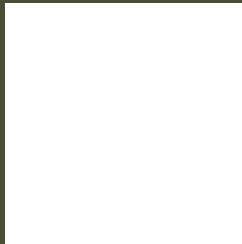
Any Text WCAG AAA × Fail

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

Hex 4C4D37 Background



This preview shows how black text looks on a background with the Hex color 4C4D37.

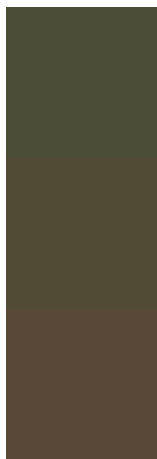


This preview shows how white text looks on a background with the Hex color 4C4D37.

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

4C4D37

Protanopia

514B36

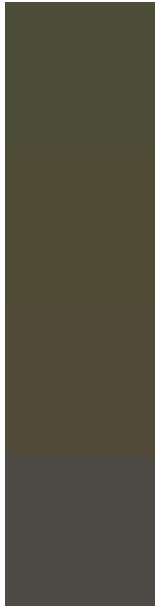
Deuteranopia

594838



Tritanopia
4F4A50

Trichromacy



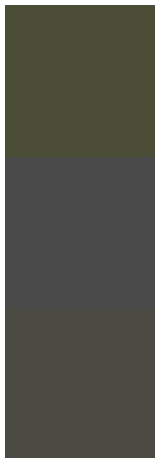
Original Color
4C4D37

Protanomaly
4F4C36

Deuteranomaly
544A38

Tritanomaly
4E4B47

Monochromacy



Original Color
4C4D37

Achromatopsia
4A4A4A

Achromatomaly
4B4B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4D37 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 #4C4D37 looks like.

```
.text, #text, p{  
    color:#4C4D37  
}
```

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 #4C4D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D37
}
```

Border

The CSS property to change the border of an element to Hex 4C4D37 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
#4C4D37 }
```

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

```
.border{ border-color:#4C4D37 }
```

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

Here you see how a box with a 4 pixel #4C4D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D37; -webkit-box-shadow:4px 4px  
4px 4px #4C4D37; box-shadow:4px 4px 4px  
4px #4C4D37 }
```

Background

The CSS property to change the background color of an element to Hex 4C4D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D37 }
```

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

```
.background{ background-color:#4C4D37 }
```

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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