

Converting Colors

Hex(4D4D31)

Have a look what the booklet for
Hex(4D4D31) contains.

Hex(4D4D31)	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(4D4D31)

Conversions

Conversions Part 1	
Format	Color
Hex	4D4D31
RGB	77, 77, 49
RGB Percent	30%, 30%, 19%
CMY	0.6980, 0.6980, 0.8078
CMYK	0.00, 0.00, 0.36, 0.70
HSL	60°, 22%, 25%
HSV	60°, 36%, 30%
XYZ	6.2688, 7.1073, 3.9472
YIQ	73.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

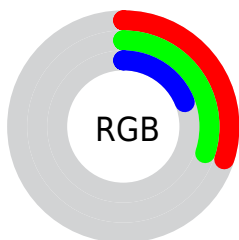
Format	Color
RYB	49, 77, 49
Decimal	5066033
CIELab	32.05, -5.10, 16.65
CIELCh	32, 17.415, 107.014
Yxy	7.1073, 0.3619, 0.4103
Android (android.graphics.Color)	4283256113 (0xFF4D4D31)
YUV	73.8080, -12.2303, 2.7994
Hunter-Lab	26.6595, -4.6809, 9.8832

Details

The Hex color **4D4D31** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **31314D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7E7E60**, and **212103** is the 20% darker color. If you saturate the color by 10%, you get **4D4D29**, and if you desaturate by 10%, it is **4D4D39**.

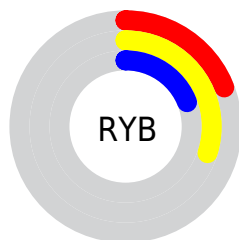
Distribution



Red (30%)

Green (30%)

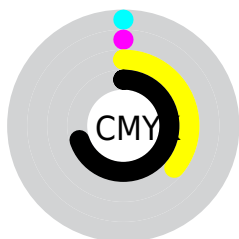
Blue (19%)



Red (19%)

Yellow (30%)

Blue (19%)

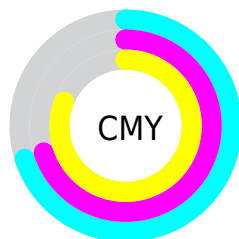


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (70%)



Cyan (70%)

Magenta (70%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4D31 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 4D4D31 by changing the saturation by 10% instead.

 4D4D31

 4D4D31

FFFFFF

 36361C

 7E7E60

 212103

 999878

 000B00

 B4B292

 000000

 CFCEAD

 ECEAC8

 FFFFE4

 4D4D31

 4D4D31

 4D4D29

 4D4D39

 4D4D22

 4D4D40

 4D4D1A

 4D4D48

 4D4D12

 4D4D50

 4D4D0B

 4D4D58

 4D4D03

 4D4D5F

 4D4D00

 4D4D67

 4D4D6F

 4D4D76

Harmonies

Analogous

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



5A4831



4D4D31



3E5038

Triad

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



4D4D31



21525F



634252

Complementary

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



4D4D31



31314D

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.



57455E



4D4D31



304E66

Square

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



4D4D31



215353



454A65



674144

Rectangle

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



4D4D31



335240



454A65



5F4356

Sweetspot

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



4D4D31



636359



4D3131



33332C



B3B3B3



333333

Same Dimension

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



4D4D31



636338



3F4D31



262622



666600



E6E600

Inverse Universe

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



31314D



383863



3F314D



222226



000066



0000E6

Previews

White Background



This preview shows how the Hex color 4D4D31 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



This preview shows how the Hex color 4D4D31 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

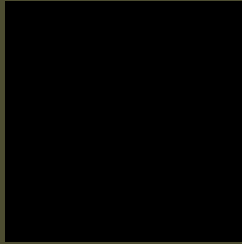
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

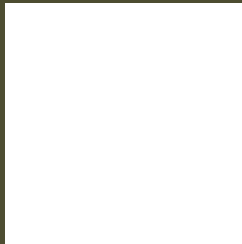
Any Text WCAG AAA × Fail

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

Hex 4D4D31 Background



This preview shows how black text looks on a background with the Hex color 4D4D31.

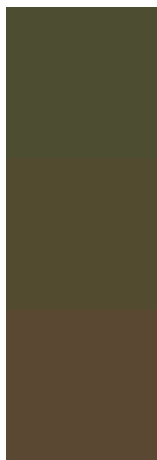


This preview shows how white text looks on a background with the Hex color 4D4D31.

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

4D4D31

Protanopia

524B30

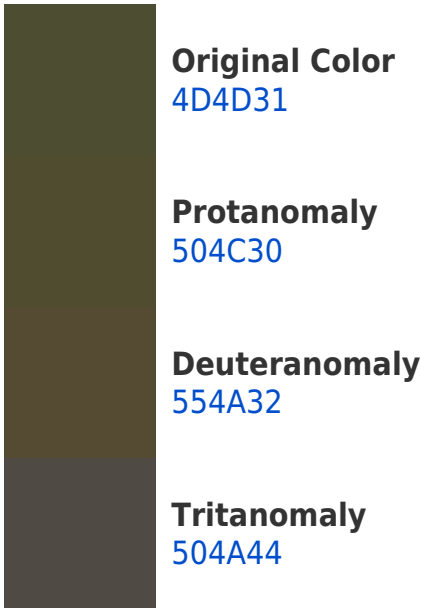
Deuteranopia

5A4832

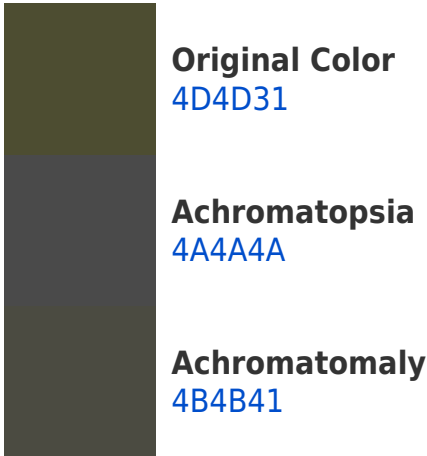


Tritanopia
51494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4D31 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 #4D4D31 looks like.

```
.text, #text, p{  
    color:#4D4D31  
}
```

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 #4D4D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4D31
}
```

Border

The CSS property to change the border of an element to Hex 4D4D31 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
#4D4D31 }
```

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

```
.border{ border-color:#4D4D31 }
```

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

Here you see how a box with a 4 pixel #4D4D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4D31; -webkit-box-shadow:4px 4px  
4px 4px #4D4D31; box-shadow:4px 4px 4px  
4px #4D4D31 }
```

Background

The CSS property to change the background color of an element to Hex 4D4D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4D31 }
```

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

```
.background{ background-color:#4D4D31 }
```

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