

Converting Colors

Hex(4D574D)

Have a look what the booklet for
Hex(4D574D) contains.

Hex(4D574D)	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(4D574D)

Conversions

Conversions Part 1

Format	Color
Hex	4D574D
RGB	77, 87, 77
RGB Percent	30%, 34%, 30%
CMY	0.6980, 0.6588, 0.6980
CMYK	0.11, 0.00, 0.11, 0.66
HSL	120°, 6%, 32%
HSV	120°, 11%, 34%
XYZ	7.8083, 8.9300, 8.3333
YIQ	82.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

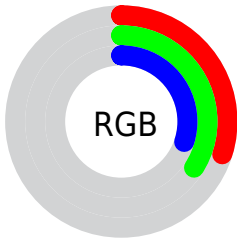
Format	Color
RYB	77, 87, 87
Decimal	5068621
CIELab	35.85, -6.13, 4.48
CIElCh	36, 7.592, 143.834
Yxy	8.9300, 0.3114, 0.3562
Android (android.graphics.Color)	4283258701 (0xFF4D574D)
YUV	82.8700, -2.8939, -5.1480
Hunter-Lab	29.8831, -5.6542, 4.3844

Details

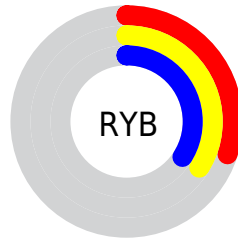
The Hex color **4D574D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574D57**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7E897E**, and **212A21** is the 20% darker color. If you saturate the color by 10%, you get **445744**, and if you desaturate by 10%, it is **565756**.

Distribution



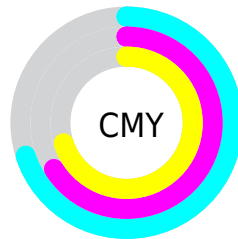
- Red (30%)
- Green (34%)
- Blue (30%)



- Red (30%)
- Yellow (34%)
- Blue (34%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (66%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4D574D 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 4D574D by changing the saturation by 10% instead.

 4D574D

 4D574D

FFFFFF

 364036

 7E897E

 212A21

 98A398

 0B160A

 B3BEB3

 000000

 CEDACE

 EAF6EA

 4D574D

 4D574D

 445744

 565756

 3C573C

 5E575E

■ 335733

■ 675767

■ 2A572A

■ 705770

■ 215721

■ 795779

■ 195719

■ 815781

■ 105710

■ 8A578A

■ 075707

■ 935793

■ 005700

■ 9B579B

Harmonies

Analogous

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



545549



4D574D



475853

Triad

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



4D574D



4C5560



615050

Complementary

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



4D574D



574D57

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.



605056



4D574D



54535F

Square

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



4D574D



47575E



5B515C



5F524B

Rectangle

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



4D574D



455857



5B515C



615052

Sweetspot

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



4D574D



6D706D



57574D



363836



B8B8B8



383838

Same Dimension

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



4D574D



607060



4D5752



272B27



006B00



00EB00

Inverse Universe

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



574D57



706070



574D52



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 4D574D looks on a white background.

Color Contrast Check

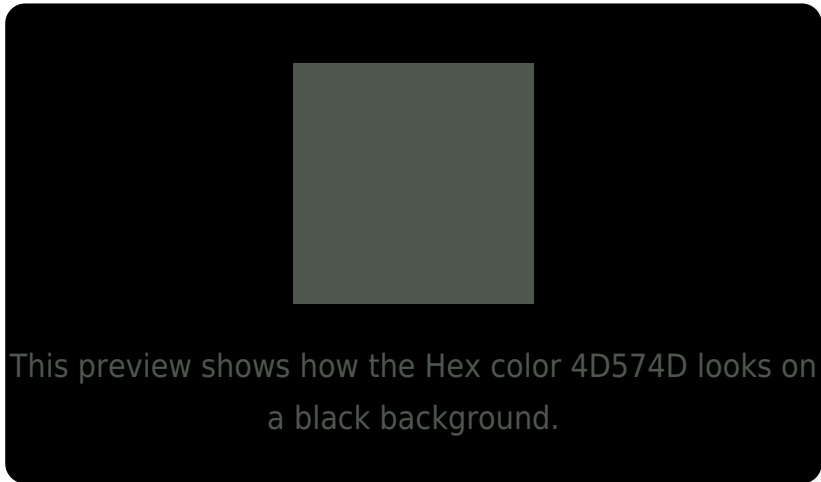
Large Text (above 18pt) WCAG AA ✓ Pass

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

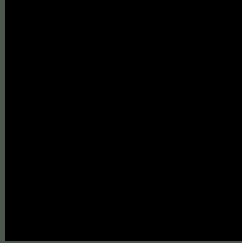
Any Text WCAG AA × Fail

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 4D574D Background



This preview shows how black text looks on a background with the Hex color 4D574D.



This preview shows how white text looks on a background with the Hex color 4D574D.

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
4D574D

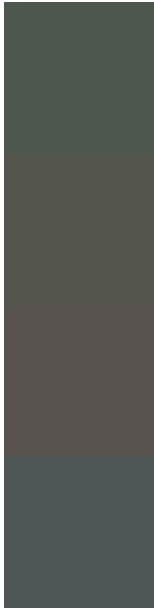
Protanopia
58544B

Deuteranopia
5F514E



Tritanopia
4F555C

Trichromacy



Original Color
4D574D

Protanomaly
54554C

Deuteranomaly
58534E

Tritanomaly
4E5657

Monochromacy



Original Color
4D574D

Achromatopsia
535353

Achromatomaly
515451

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D574D 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 #4D574D looks like.

```
.text, #text, p{  
    color:#4D574D  
}
```

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 #4D574D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D574D
}
```

Border

The CSS property to change the border of an element to Hex 4D574D is called "border". The border property can be set on classes, ids or directly on the HTML element.

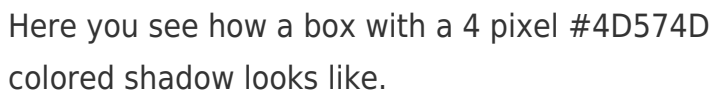
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D574D }
```

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

```
.border{ border-color:#4D574D }
```

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



Here you see how a box with a 4 pixel #4D574D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D574D; -webkit-box-shadow:4px 4px  
4px 4px #4D574D; box-shadow:4px 4px 4px  
4px #4D574D }
```

Background

The CSS property to change the background color of an element to Hex 4D574D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D574D }
```

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

```
.background{ background-color:#4D574D }
```

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