

# Converting Colors

Hex(4F4D49)

Have a look what the booklet for  
Hex(4F4D49) contains.

<b>Hex(4F4D49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4F4D49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4D49
RGB	79, 77, 73
RGB Percent	31%, 30%, 29%
CMY	0.6902, 0.6980, 0.7137
CMYK	0.00, 0.03, 0.08, 0.69
HSL	40°, 4%, 30%
HSV	40°, 8%, 31%
XYZ	7.0809, 7.4511, 7.3683
YIQ	77.1420, 2.4760, -0.8200

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 79, 73
Decimal	5197129
CIE Lab	32.81, -0.01, 2.66
CIE LCh	33, 2.658, 90.231
Yxy	7.4511, 0.3233, 0.3402
Android (android.graphics.Color)	4283387209 (0xFF4F4D49)
YUV	77.1420, -2.0420, 1.6295
Hunter-Lab	27.2966, -1.4650, 3.1032

# Details

The Hex color **4F4D49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **494B4F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **807E7A**, and **23211E** is the 20% darker color. If you saturate the color by 10%, you get **4F4A41**, and if you desaturate by 10%, it is **4F5051**.

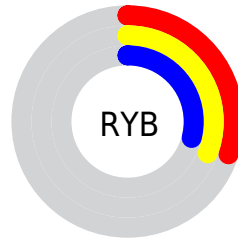
# Distribution



Red (31%)

Green (30%)

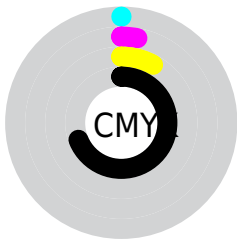
Blue (29%)



Red (30%)

Yellow (31%)

Blue (29%)

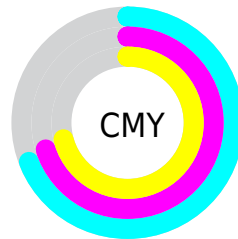


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (69%)



Cyan (69%)

Magenta (70%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4D49 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 4F4D49 by changing the saturation by 10% instead.





4F4D49



4F4D49

FFFFFF



383633



807E7A



23211E



9A9893



0D0A04



B5B2AE



000000



D0CEC9



EDEAE5



4F4D49



4F4D49



4F4A41



4F5051



4F4839



4F5259

■ 4F4531

■ 4F5561

■ 4F4229

■ 4F5869

■ 4F4021

■ 4F5A70

■ 4F3D1A

■ 4F5D78

■ 4F3B12

■ 4F5F80

■ 4F380A

■ 4F6288

■ 4F3502

■ 4F6590

# Harmonies

## Analogous

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



514C4A



4F4D49



4D4E4A

# Triad

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



4F4D49



484E4F



504C4F

# Complementary

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



4F4D49



494B4F

# 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.



4E4D51



4F4D49



494E51

# Square

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



4F4D49



494E4D



4B4D51



524C4D

# Rectangle

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



4F4D49



4B4E4A



4B4D51



4F4C50



# Sweetspot

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



4F4D49



666564



4F494B



333332



B3B3B3



333333



# Same Dimension

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



4F4D49



66635D



4E4F49



262522



664400



E69900



# Inverse Universe

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



494B4F



5D6066



4A494F



222426



002266



004DE6



# Previews

## White Background



This preview shows how the Hex color 4F4D49 looks on a white background.

## Color Contrast Check

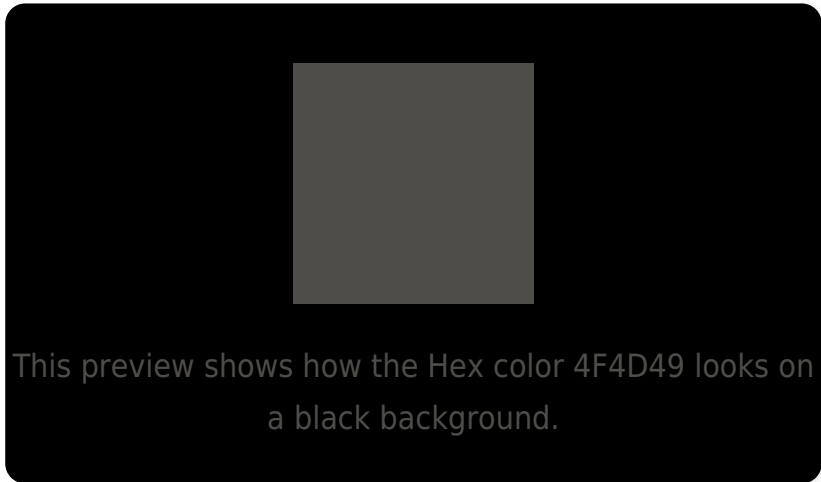
Large Text (above 18pt) WCAG AA ✓ Pass

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

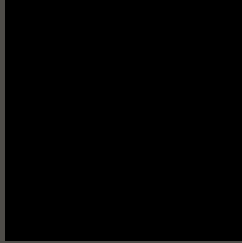
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

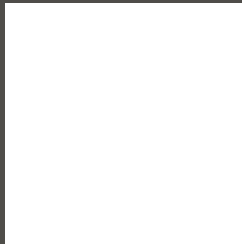
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F4D49 Background



This preview shows how black text looks on a background with the Hex color 4F4D49.



This preview shows how white text looks on a background with the Hex color 4F4D49.

# 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**

4F4D49

**Protanopia**

504D49

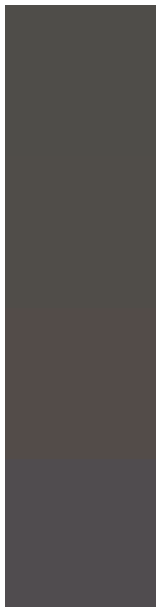
**Deuteranopia**

564B49



**Tritanopia**  
504C52

# Trichromacy



**Original Color**

4F4D49

**Protanomaly**

504D49

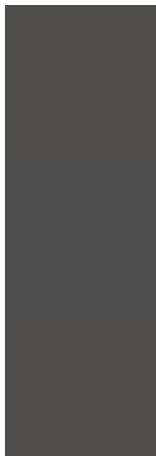
**Deuteranomaly**

534C49

**Tritanomaly**

504C4F

# Monochromacy



**Original Color**

4F4D49

**Achromatopsia**

4D4D4D

**Achromatomaly**

4E4D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4D49 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 #4F4D49 looks like.

```
.text, #text, p{  
    color:#4F4D49  
}
```

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 #4F4D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4D49
}
```

## Border

The CSS property to change the border of an element to Hex 4F4D49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

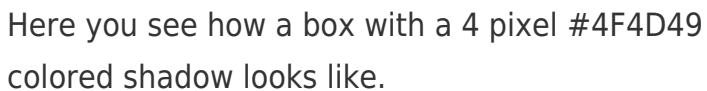
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4D49 }
```

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

```
.border{ border-color:#4F4D49 }
```

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



Here you see how a box with a 4 pixel #4F4D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4D49; -webkit-box-shadow:4px 4px  
4px 4px #4F4D49; box-shadow:4px 4px 4px  
4px #4F4D49 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4D49 }
```

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

```
.background{ background-color:#4F4D49 }
```

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