

# Converting Colors

Hex(4F4541)

Have a look what the booklet for  
Hex(4F4541) contains.

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# Color

**Hex(4F4541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F4541
RGB	79, 69, 65
RGB Percent	31%, 27%, 25%
CMY	0.6902, 0.7294, 0.7451
CMYK	0.00, 0.13, 0.18, 0.69
HSL	17°, 10%, 28%
HSV	17°, 18%, 31%
XYZ	6.3067, 6.3002, 5.8847
YIQ	71.5340, 7.2440, 0.8760

# Conversions

## Conversions Part 2

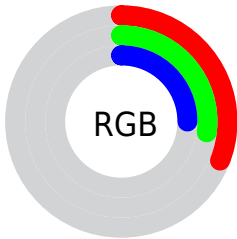
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 71, 65
Decimal	5195073
CIE Lab	30.16, 3.47, 3.97
CIE LCh	30, 5.268, 48.830
Yxy	6.3002, 0.3411, 0.3407
Android (android.graphics.Color)	4283385153 (0xFF4F4541)
YUV	71.5340, -3.2213, 6.5477
Hunter-Lab	25.1001, 0.9250, 3.6696

# Details

The Hex color **4F4541** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **414B4F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **807571**, and **221A17** is the 20% darker color. If you saturate the color by 10%, you get **4F3F39**, and if you desaturate by 10%, it is **4F4B49**.

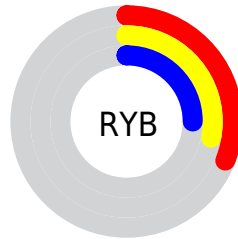
# Distribution



Red (31%)

Green (27%)

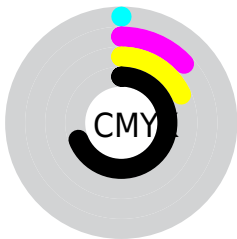
Blue (25%)



Red (31%)

Yellow (28%)

Blue (25%)

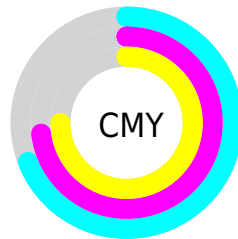


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (69%)



Cyan (69%)

Magenta (73%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4541 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 4F4541 by changing the saturation by 10% instead.





4F4541



4F4541

FFFFFF



382F2B



807571



221A17



9A8F8A



0A0000



B5A9A4



000000



D1C4C0



EDE0DB



FFFDF8



4F4541



4F4541



4F3F39



4F4B49

■ 4F3A31

■ 4F5051

■ 4F3429

■ 4F5659

■ 4F2E21

■ 4F5C61

■ 4F2919

■ 4F6169

■ 4F2312

■ 4F6770

■ 4F1D0A

■ 4F6D78

■ 4F1802

■ 4F7280

■ 4F1700

■ 4F7888

# Harmonies

## Analogous

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



504445



4F4541



4C463F

# Triad

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



4F4541



3F4945



46464F

# Complementary

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



4F4541



414B4F

# 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.



41484F



4F4541



3D4949

# Square

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



4F4541



434942



3E494D



4B454C

# Rectangle

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



4F4541



49473F



3E494D



44474F



# Sweetspot

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



4F4541



666261



4F414B



333130



B3B3B3



333333



# Same Dimension

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



4F4541



665751



4F4C41



262422



661D00



E64200



# Inverse Universe

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



414B4F



516066



41444F



222526



004966



00A4E6



# Previews

## White Background



This preview shows how the Hex color 4F4541 looks on a white background.

## Color Contrast Check

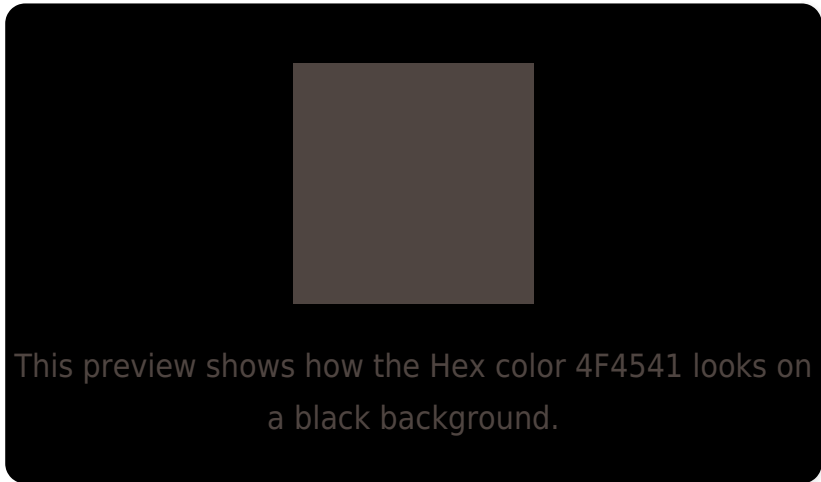
Large Text (above 18pt) WCAG AA ✓ Pass

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

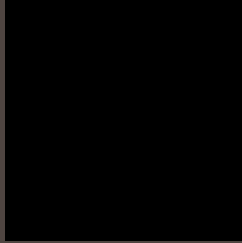
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F4541 Background



This preview shows how black text looks on a background with the Hex color 4F4541.

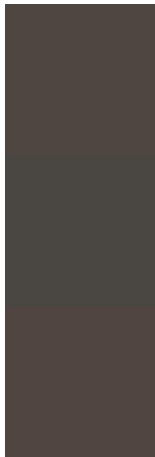


This preview shows how white text looks on a background with the Hex color 4F4541.

# 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**  
4F4541

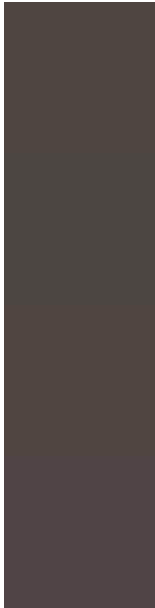
**Protanopia**  
4A4742

**Deuteranopia**  
504541



**Tritanopia**  
504449

# Trichromacy



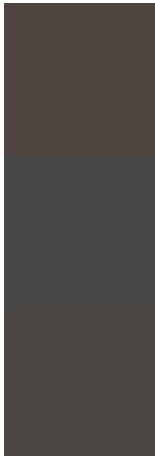
**Original Color**  
4F4541

**Protanomaly**  
4C4642

**Deuteranomaly**  
504541

**Tritanomaly**  
504446

# Monochromacy



**Original Color**  
4F4541

**Achromatopsia**  
484848

**Achromatomaly**  
4B4745

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4541 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 #4F4541 looks like.

```
.text, #text, p{  
    color:#4F4541  
}
```

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 #4F4541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4541
}
```

## Border

The CSS property to change the border of an element to Hex 4F4541 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".

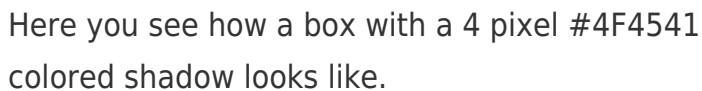
```
.border, #border, table{ border:4px solid
#4F4541 }
```

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

```
.border{ border-color:#4F4541 }
```

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

Here you see how a box with a 4 pixel #4F4541 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4541; -webkit-box-shadow:4px 4px  
4px 4px #4F4541; box-shadow:4px 4px 4px  
4px #4F4541 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4541 }
```

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

```
.background{ background-color:#4F4541 }
```

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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