

# Converting Colors

Hex(4D4941)

Have a look what the booklet for  
Hex(4D4941) contains.

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# Color

**Hex(4D4941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D4941
RGB	77, 73, 65
RGB Percent	30%, 29%, 25%
CMY	0.6980, 0.7137, 0.7451
CMYK	0.00, 0.05, 0.16, 0.70
HSL	40°, 8%, 28%
HSV	40°, 16%, 30%
XYZ	6.3972, 6.7245, 5.9618
YIQ	73.2840, 4.9520, -1.6400

# Conversions

## Conversions Part 2

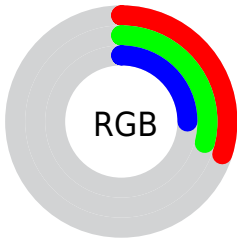
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 77, 65
Decimal	5065025
CIE <sub>Lab</sub>	31.17, 0.06, 5.38
CIE <sub>LCh</sub>	31, 5.385, 89.347
Yxy	6.7245, 0.3352, 0.3524
Android (android.graphics.Color)	4283255105 (0xFF4D4941)
YUV	73.2840, -4.0840, 3.2589
Hunter-Lab	25.9317, -1.3452, 4.5211

# Details

The Hex color **4D4941** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41454D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7E7971**, and **211E17** is the 20% darker color. If you saturate the color by 10%, you get **4D4639**, and if you desaturate by 10%, it is **4D4C49**.

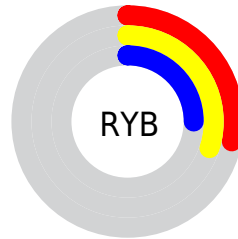
# Distribution



 Red (30%)

 Green (29%)

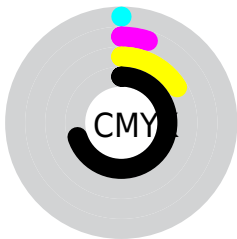
 Blue (25%)



 Red (28%)

 Yellow (30%)

 Blue (25%)

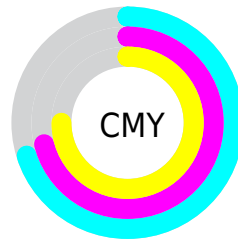


 Cyan (0%)

 Magenta (5%)

 Yellow (16%)

 Black (70%)



 Cyan (70%)

 Magenta (71%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D4941 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 4D4941 by changing the saturation by 10% instead.





4D4941



4D4941

FFFFFF



36332B



7E7971



211E17



98938A



070400



B3AEA4



000000



CEC9C0



EAE5DB



FFFFFF8



4D4941



4D4941



4D4639



4D4C49

■ 4D4432

■ 4D4E50

■ 4D412A

■ 4D5158

■ 4D3F22

■ 4D5360

■ 4D3C1B

■ 4D5667

■ 4D3A13

■ 4D586F

■ 4D370B

■ 4D5B77

■ 4D3403

■ 4D5E7F

■ 4D3300

■ 4D6086

# Harmonies

## Analogous

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



514842



4D4941



484A42

# Triad

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



4D4941



3F4C4D



4F474E

# Complementary

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



4D4941



41454D

# 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.



4A4851



4D4941



414B50

# Square

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



4D4941



404C49



454A52



52474A

# Rectangle

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



4D4941



454B44



454A52



4D474F



# Sweetspot

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



4D4941



63625E



4D4145



333230



B3B3B3



333333



# Same Dimension

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



4D4941



635D51



4B4D41



262522



664400



E69900



# Inverse Universe

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



41454D



515763



43414D



222426



002266



004CE6



# Previews

## White Background



This preview shows how the Hex color 4D4941 looks on a white background.

## Color Contrast Check

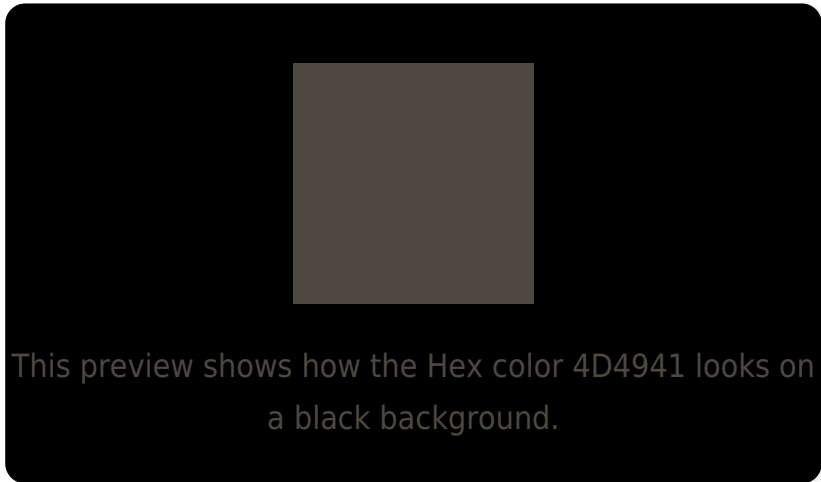
Large Text (above 18pt) WCAG AA ✓ Pass

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

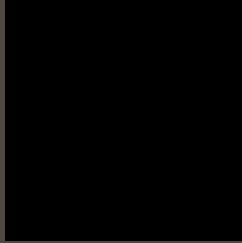
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D4941 Background



This preview shows how black text looks on a background with the Hex color 4D4941.

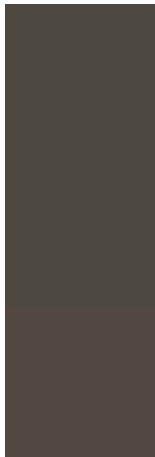


This preview shows how white text looks on a background with the Hex color 4D4941.

# 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**  
4D4941

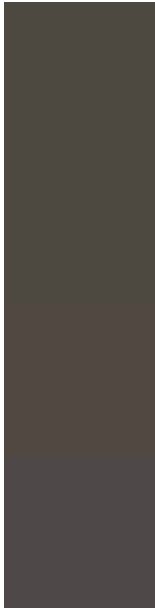
**Protanopia**  
4D4941

**Deuteranopia**  
534741



**Tritanopia**  
4F474D

# Trichromacy



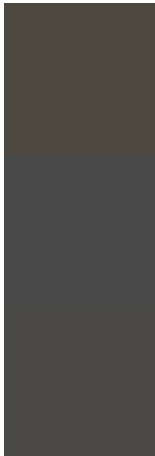
**Original Color**  
4D4941

**Protanomaly**  
4D4941

**Deuteranomaly**  
514841

**Tritanomaly**  
4E4849

# Monochromacy



**Original Color**  
4D4941

**Achromatopsia**  
494949

**Achromatomaly**  
4A4946

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D4941 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 #4D4941 looks like.

```
.text, #text, p{  
    color:#4D4941  
}
```

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 #4D4941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4941  
}
```

## Border

The CSS property to change the border of an element to Hex 4D4941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

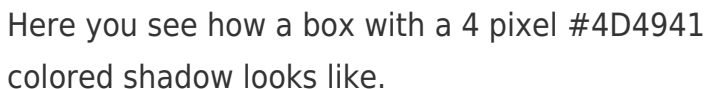
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D4941 }
```

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

```
.border{ border-color:#4D4941 }
```

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



Here you see how a box with a 4 pixel #4D4941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4941; -webkit-box-shadow:4px 4px  
4px 4px #4D4941; box-shadow:4px 4px 4px  
4px #4D4941 }
```

# Background

The CSS property to change the background color of an element to Hex 4D4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4941 }
```

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

```
.background{ background-color:#4D4941 }
```

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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