

# Converting Colors

Hex(4C4947)

Have a look what the booklet for  
Hex(4C4947) contains.

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# Color

**Hex(4C4947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C4947
RGB	76, 73, 71
RGB Percent	30%, 29%, 28%
CMY	0.7020, 0.7137, 0.7216
CMYK	0.00, 0.04, 0.07, 0.70
HSL	24°, 3%, 29%
HSV	24°, 7%, 30%
XYZ	6.5004, 6.7565, 6.9228
YIQ	73.6690, 2.4300, 0.0140

# Conversions

## Conversions Part 2

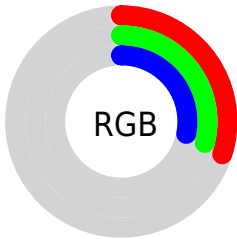
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	76, 74, 71
Decimal	4999495
CIE Lab	31.25, 0.83, 1.63
CIE LCh	31, 1.831, 63.174
Yxy	6.7565, 0.3221, 0.3348
Android (android.graphics.Color)	4283189575 (0xFF4C4947)
YUV	73.6690, -1.3158, 2.0443
Hunter-Lab	25.9933, -0.8493, 2.4047




# Details

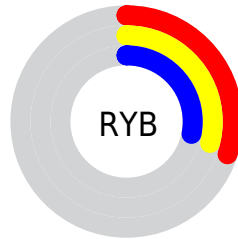
The Hex color **4C4947** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474A4C**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **7D7A77**, and **201E1C** is the 20% darker color. If you saturate the color by 10%, you get **4C443F**, and if you desaturate by 10%, it is **4C4E4F**.

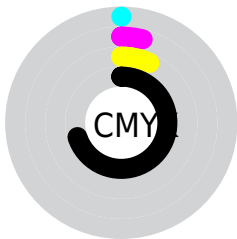
# Distribution







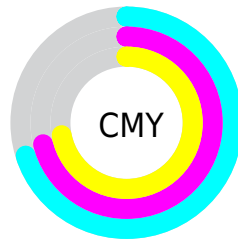
-  Red (30%)
-  Green (29%)
-  Blue (28%)






-  Red (30%)
-  Yellow (29%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (4%)
-  Yellow (7%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4947 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 4C4947 by changing the saturation by 10% instead.





4C4947



4C4947

FFFFFF



353331



7D7A77



201E1C



979391



090401



B1AEAB



000000



CDC9C7



E9E5E3



4C4947



4C4947



4C443F



4C4E4F



4C4038



4C5256

■ 4C3B30

■ 4C575E

■ 4C3729

■ 4C5B65

■ 4C3221

■ 4C606D

■ 4C2E19

■ 4C6475

■ 4C2912

■ 4C697C

■ 4C250A

■ 4C6D84

■ 4C2003

■ 4C728B

# Harmonies

## Analogous

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



4D4948



4C4947



4B4947

# Triad

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



4C4947



464A4A



4A494C

# Complementary

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



4C4947



474A4C

# 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.



484A4C



4C4947



464A4B

# Square

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



4C4947



474A48



474A4C



4C494B

# Rectangle

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



4C4947



4A4A47



474A4C



49494C



# Sweetspot

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



4C4947



636261



4C474A



333232



B3B3B3



333333



# Same Dimension

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



4C4947



635F5B



4C4B47



262422



662900



E65C00



# Inverse Universe

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



474A4C



5B6063



47484C



222526



003D66



008AE6



# Previews

## White Background



This preview shows how the Hex color 4C4947 looks on a white background.

## Color Contrast Check

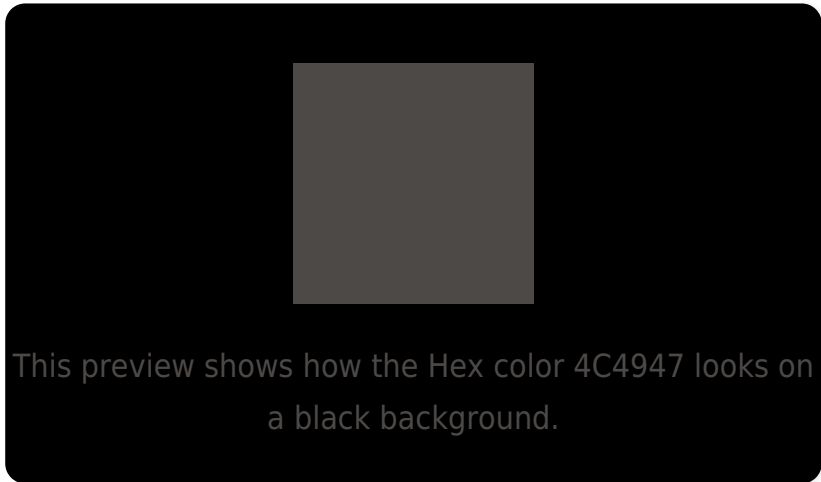
Large Text (above 18pt) WCAG AA ✓ Pass

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

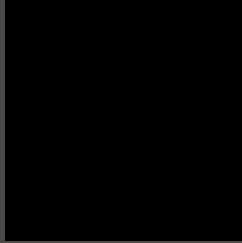
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

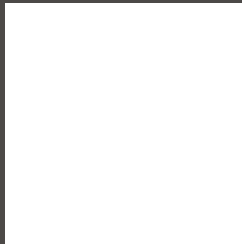
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C4947 Background



This preview shows how black text looks on a background with the Hex color 4C4947.



This preview shows how white text looks on a background with the Hex color 4C4947.

# 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**

4C4947

**Protanopia**

4B4947

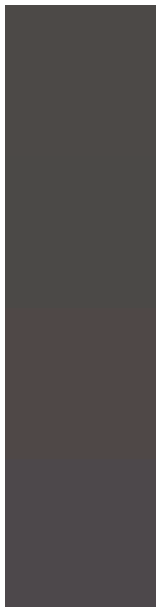
**Deuteranopia**

514747



**Tritanopia**  
4D484E

# Trichromacy



**Original Color**

4C4947

**Protanomaly**

4B4947

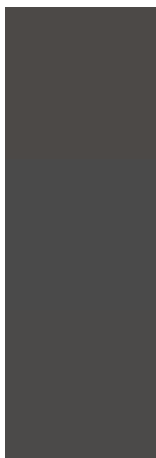
**Deuteranomaly**

4F4847

**Tritanomaly**

4D484B

# Monochromacy



**Original Color**

4C4947

**Achromatopsia**

4A4A4A

**Achromatomaly**

4B4A49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4947 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 #4C4947 looks like.

```
.text, #text, p{  
    color:#4C4947  
}
```

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 #4C4947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4947  
}
```

## Border

The CSS property to change the border of an element to Hex 4C4947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

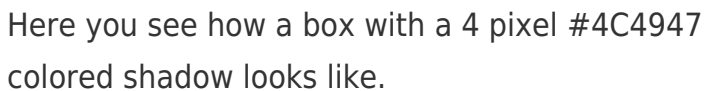
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C4947 }
```

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

```
.border{ border-color:#4C4947 }
```

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



Here you see how a box with a 4 pixel #4C4947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4947; -webkit-box-shadow:4px 4px  
4px 4px #4C4947; box-shadow:4px 4px 4px  
4px #4C4947 }
```

# Background

The CSS property to change the background color of an element to Hex 4C4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4947 }
```

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

```
.background{ background-color:#4C4947 }
```

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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