

Converting Colors

Hex(4C4943)

Have a look what the booklet for
Hex(4C4943) contains.

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Color

Hex(4C4943)

Conversions

Conversions Part 1

Format	Color
Hex	4C4943
RGB	76, 73, 67
RGB Percent	30%, 29%, 26%
CMY	0.7020, 0.7137, 0.7373
CMYK	0.00, 0.04, 0.12, 0.70
HSL	40°, 6%, 28%
HSV	40°, 12%, 30%
XYZ	6.3762, 6.7068, 6.2687
YIQ	73.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

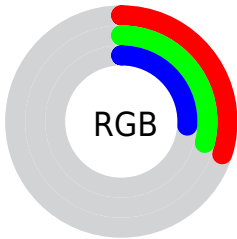
Format	Color
R_{YB}	72, 76, 67
Decimal	4999491
CIE Lab	31.13, 0.02, 4.03
CIE LCh	31, 4.032, 89.772
Yxy	6.7068, 0.3295, 0.3466
Android (android.graphics.Color)	4283189571 (0xFF4C4943)
YUV	73.2130, -3.0630, 2.4442
Hunter-Lab	25.8976, -1.3728, 3.7767




Details

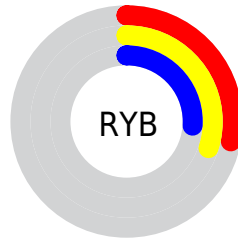
The Hex color **4C4943** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43464C**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **7D7A73**, and **201E18** is the 20% darker color. If you saturate the color by 10%, you get **4C463B**, and if you desaturate by 10%, it is **4C4C4B**.

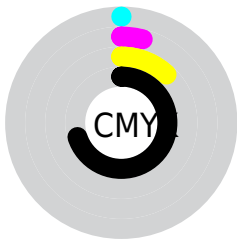
Distribution







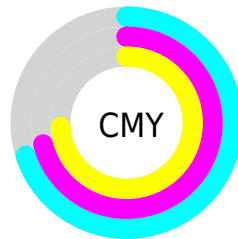
-  Red (30%)
-  Green (29%)
-  Blue (26%)






-  Red (28%)
-  Yellow (30%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (4%)
-  Yellow (12%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4943 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 4C4943 by changing the saturation by 10% instead.



4C4943



4C4943

FFFFFF



35332D



7D7A73



201E18



97938C



060400



B1AEA7



000000



CDC9C2



E9E5DE



FFFFFFA



4C4943



4C4943



4C463B



4C4C4B

■ 4C4434

■ 4C4E52

■ 4C412C

■ 4C515A

■ 4C3F25

■ 4C5361

■ 4C3C1D

■ 4C5669

■ 4C3A15

■ 4C5871

■ 4C370E

■ 4C5B78

■ 4C3506

■ 4C5D80

■ 4C3300

■ 4C6087

Harmonies

Analogous

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



4F4844



4C4943



484A44

Triad

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



4C4943



424B4C



4D484C

Complementary

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



4C4943



43464C

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.



4A484F



4C4943



434A4F

Square

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



4C4943



424B49



464A4F



504749

Rectangle

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



4C4943



464B45



464A4F



4C484D

Sweetspot

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



4C4943



63625F



4C4346



333230



B3B3B3



333333

Same Dimension

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



4C4943



635F56



4B4C43



262522



664400



E69900

Inverse Universe

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



43464C



565A63



44434C



222426



002266



004DE6

Previews

White Background



This preview shows how the Hex color 4C4943 looks on a white background.

Color Contrast Check

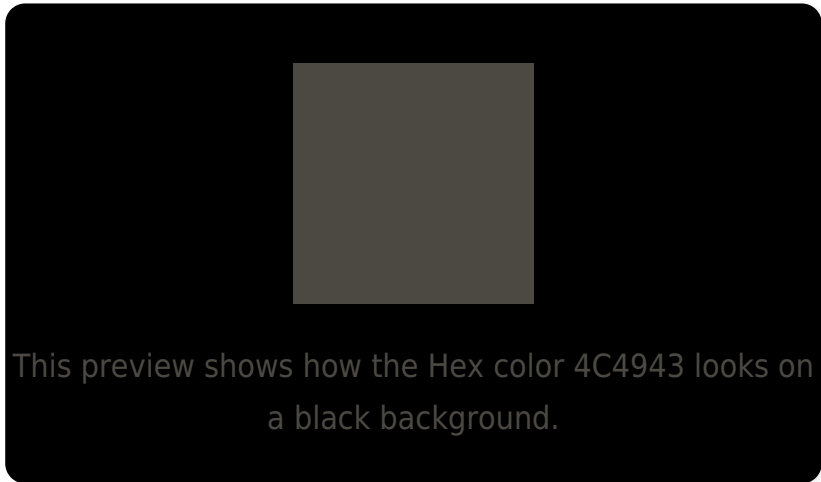
Large Text (above 18pt) WCAG AA ✓ Pass

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

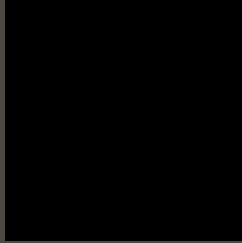
Any Text WCAG AA × Fail

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 4C4943 Background



This preview shows how black text looks on a background with the Hex color 4C4943.



This preview shows how white text looks on a background with the Hex color 4C4943.

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


4C4943

Protanopia

4C4943

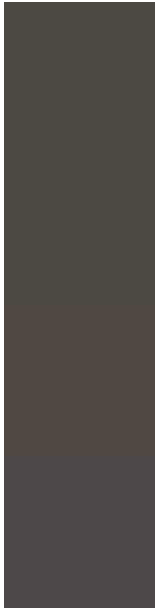
Deuteranopia

524743



Tritanopia
4D484D

Trichromacy



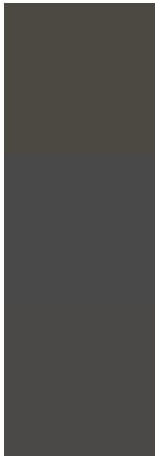
Original Color
4C4943

Protanomaly
4C4943

Deuteranomaly
504843

Tritanomaly
4D4849

Monochromacy



Original Color
4C4943

Achromatopsia
494949

Achromatomaly
4A4947

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4943 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 #4C4943 looks like.

```
.text, #text, p{  
    color:#4C4943  
}
```

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 #4C4943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4943
}
```

Border

The CSS property to change the border of an element to Hex 4C4943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

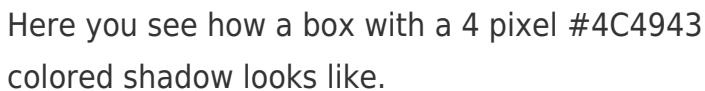
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4943 }
```

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

```
.border{ border-color:#4C4943 }
```

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



Here you see how a box with a 4 pixel #4C4943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4943; -webkit-box-shadow:4px 4px  
4px 4px #4C4943; box-shadow:4px 4px 4px  
4px #4C4943 }
```

Background

The CSS property to change the background color of an element to Hex 4C4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4943 }
```

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

```
.background{ background-color:#4C4943 }
```

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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