

Converting Colors

Hex(4B4948)

Have a look what the booklet for
Hex(4B4948) contains.

Hex(4B4948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(4B4948)

Conversions

Conversions Part 1

Format	Color
Hex	4B4948
RGB	75, 73, 72
RGB Percent	29%, 29%, 28%
CMY	0.7059, 0.7137, 0.7176
CMYK	0.00, 0.03, 0.04, 0.71
HSL	20°, 2%, 29%
HSV	20°, 4%, 29%
XYZ	6.4539, 6.7288, 7.0895
YIQ	73.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

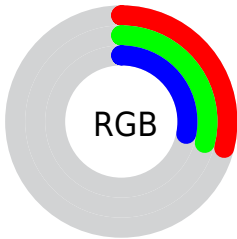
Format	Color
R_YB	75, 74, 72
Decimal	4933960
CIE Lab	31.18, 0.62, 0.89
CIE LCh	31, 1.080, 55.190
Yxy	6.7288, 0.3184, 0.3319
Android (android.graphics.Color)	4283124040 (0xFF4B4948)
YUV	73.4840, -0.7316, 1.3295
Hunter-Lab	25.9400, -0.9840, 1.9537

Details

The Hex color **4B4948** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484A4B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7C7A78**, and **1F1E1D** is the 20% darker color. If you saturate the color by 10%, you get **4B4441**, and if you desaturate by 10%, it is **4B4E50**.

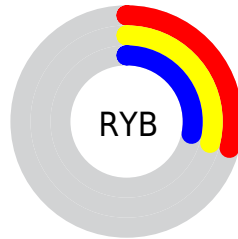
Distribution



Red (29%)

Green (29%)

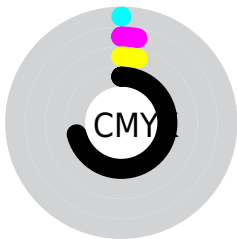
Blue (28%)



Red (29%)

Yellow (29%)

Blue (28%)

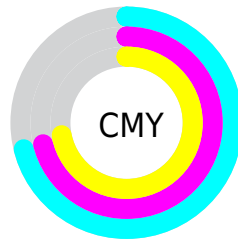


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4948 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 4B4948 by changing the saturation by 10% instead.



4B4948



4B4948

FFFFFF



343332



7C7A78



1F1E1D



969392



070402



B0AEAD



000000



CCC9C8



E8E5E4



4B4948



4B4948



4B4441



4B4E50



4B3F39



4B5357

■ 4B3A31

■ 4B585F

■ 4B352A

■ 4B5D66

■ 4B3023

■ 4B626E

■ 4B2B1B

■ 4B6775

■ 4B2614

■ 4B6C7D

■ 4B210C

■ 4B7184

■ 4B1C05

■ 4B768B

Harmonies

Analogous

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



4B4949



4B4948



4A4948

Triad

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



4B4948



484A49



49494B

Complementary

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



4B4948



484A4B

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.



48494B



4B4948



474A4A

Square

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



4B4948



484A48



484A4B



4A494A

Rectangle

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



4B4948



4A4948



484A4B



49494B

Sweetspot

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



4B4948



616060



4B484A



303030



B0B0B0

Same Dimension

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



4B4948



615E5C



4B4A48



262524



662200



E64C00

Inverse Universe

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



484A4B



5C5F61



48494B



242526



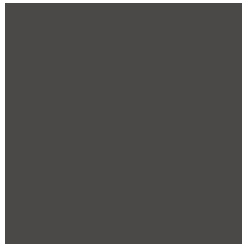
004466



0099E6

Previews

White Background



This preview shows how the Hex color 4B4948 looks on a white background.

Color Contrast Check

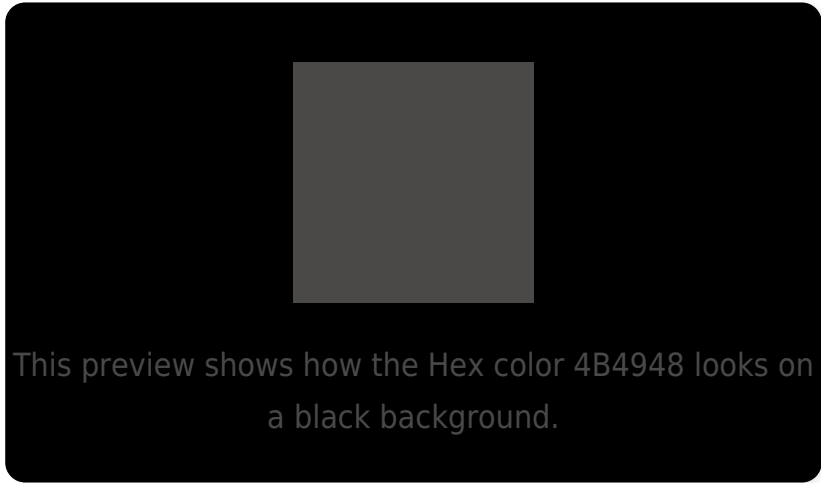
Large Text (above 18pt) WCAG AA ✓ Pass

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

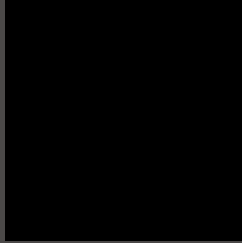
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

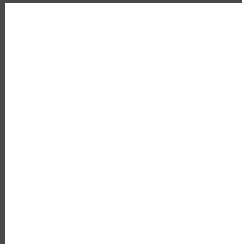
Any Text WCAG AAA × Fail

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

Hex 4B4948 Background



This preview shows how black text looks on a background with the Hex color 4B4948.



This preview shows how white text looks on a background with the Hex color 4B4948.

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
4B4948

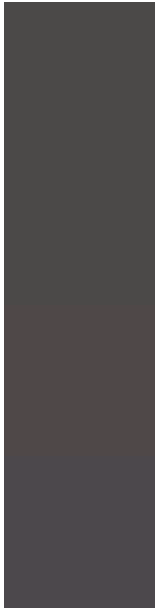
Protanopia
4B4948

Deuteranopia
514748



Tritanopia
4C484E

Trichromacy



Original Color

4B4948

Protanomaly

4B4948

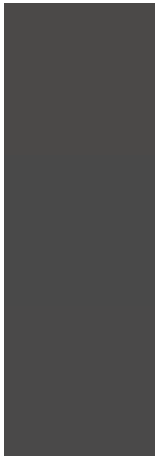
Deuteranomaly

4F4848

Tritanomaly

4C484C

Monochromacy



Original Color

4B4948

Achromatopsia

494949

Achromatomaly

4A4949

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4948 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 #4B4948 looks like.

```
.text, #text, p{  
    color:#4B4948  
}
```

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 #4B4948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4948  
}
```

Border

The CSS property to change the border of an element to Hex 4B4948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

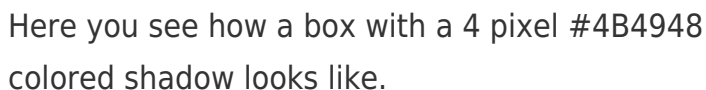
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B4948 }
```

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

```
.border{ border-color:#4B4948 }
```

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



Here you see how a box with a 4 pixel #4B4948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4948; -webkit-box-shadow:4px 4px  
4px 4px #4B4948; box-shadow:4px 4px 4px  
4px #4B4948 }
```

Background

The CSS property to change the background color of an element to Hex 4B4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4948 }
```

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

```
.background{ background-color:#4B4948 }
```

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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