

Converting Colors

Hex(4A4947)

Have a look what the booklet for
Hex(4A4947) contains.

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Color

Hex(4A4947)

Conversions

Conversions Part 1

Format	Color
Hex	4A4947
RGB	74, 73, 71
RGB Percent	29%, 29%, 28%
CMY	0.7098, 0.7137, 0.7216
CMYK	0.00, 0.01, 0.04, 0.71
HSL	40°, 2%, 28%
HSV	40°, 4%, 29%
XYZ	6.3439, 6.6759, 6.9154
YIQ	73.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

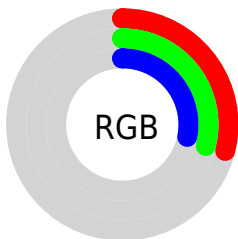
Format	Color
R_YB	73, 74, 71
Decimal	4868423
CIE Lab	31.06, -0.01, 1.34
CIE LCh	31, 1.337, 90.592
Yxy	6.6759, 0.3182, 0.3349
Android (android.graphics.Color)	4283058503 (0xFF4A4947)
YUV	73.0710, -1.0210, 0.8147
Hunter-Lab	25.8377, -1.3890, 2.2174

Details

The Hex color **4A4947** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47484A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7B7A77**, and **1E1E1C** is the 20% darker color. If you saturate the color by 10%, you get **4A4740**, and if you desaturate by 10%, it is **4A4B4E**.

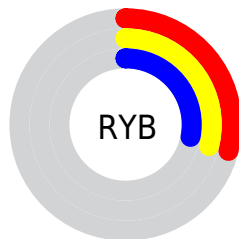
Distribution



Red (29%)

Green (29%)

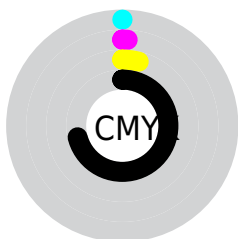
Blue (28%)



Red (29%)

Yellow (29%)

Blue (28%)

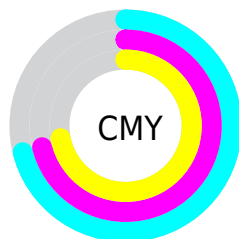


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4947 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 4A4947 by changing the saturation by 10% instead.



4A4947



4A4947

FFFFFF



333331



7B7A77



1E1E1C



949391



050401



AFAEAB



000000



CAC9C7



E6E5E3



4A4947



4A4947



4A4740



4A4B4E



4A4438



4A4E56

■ 4A4231

■ 4A505D

■ 4A3F29

■ 4A5365

■ 4A3D22

■ 4A556C

■ 4A3A1B

■ 4A5873

■ 4A3813

■ 4A5A7B

■ 4A350C

■ 4A5D82

■ 4A3304

■ 4A5F8A

Harmonies

Analogous

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



4B4947



4A4947



494947

Triad

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



4A4947



474A4A



4B494A

Complementary

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



4A4947



47484A

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.



49494B



4A4947



47494B

Square

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



4A4947



474A49



48494B



4B4849

Rectangle

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



4A4947



484A48



48494B



4A494A

Sweetspot

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



4A4947



616160



4A4748



303030



B0B0B0

Same Dimension

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



4A4947



615F5C



4A4A47



262524



664400



E69900

Inverse Universe

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



47484A



5C5E61



47474A



242526



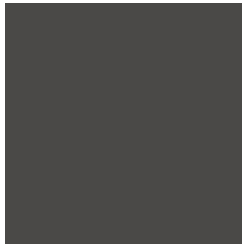
002266



004DE6

Previews

White Background



This preview shows how the Hex color 4A4947 looks on a white background.

Color Contrast Check

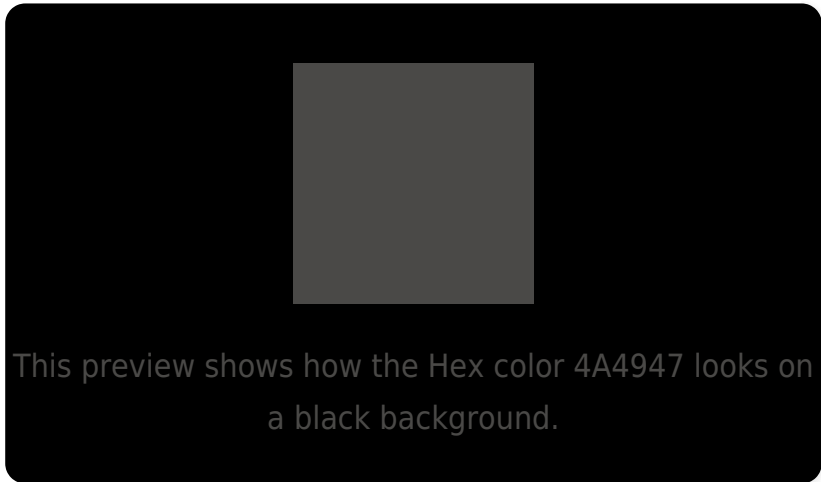
Large Text (above 18pt) WCAG AA ✓ Pass

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

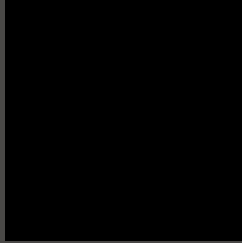
Any Text WCAG AA × Fail

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 4A4947 Background



This preview shows how black text looks on a background with the Hex color 4A4947.



This preview shows how white text looks on a background with the Hex color 4A4947.

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
4A4947

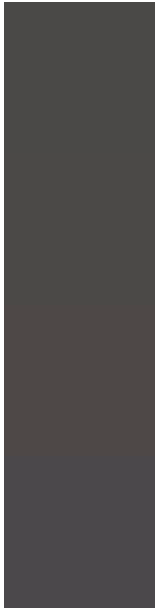
Protanopia
4B4947

Deuteranopia
514747



Tritanopia
4B484E

Trichromacy



Original Color

4A4947

Protanomaly

4B4947

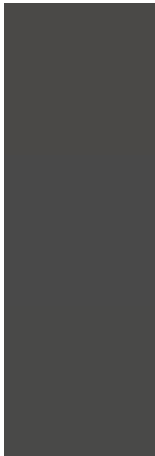
Deuteranomaly

4E4847

Tritanomaly

4B484B

Monochromacy



Original Color

4A4947

Achromatopsia

494949

Achromatomaly

494948

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4947 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 #4A4947 looks like.

```
.text, #text, p{  
    color:#4A4947  
}
```

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 #4A4947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4947  
}
```

Border

The CSS property to change the border of an element to Hex 4A4947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

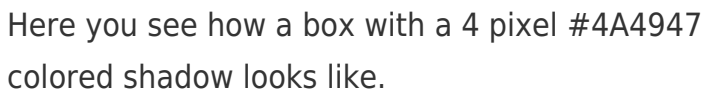
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A4947 }
```

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

```
.border{ border-color:#4A4947 }
```

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



Here you see how a box with a 4 pixel #4A4947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4947; -webkit-box-shadow:4px 4px  
4px 4px #4A4947; box-shadow:4px 4px 4px  
4px #4A4947 }
```

Background

The CSS property to change the background color of an element to Hex 4A4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4947 }
```

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

```
.background{ background-color:#4A4947 }
```

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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