

Converting Colors

Hex(4A4949)

Have a look what the booklet for
Hex(4A4949) contains.

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Color

Hex(4A4949)

Conversions

Conversions Part 1

Format	Color
Hex	4A4949
RGB	74, 73, 73
RGB Percent	29%, 29%, 29%
CMY	0.7098, 0.7137, 0.7137
CMYK	0.00, 0.01, 0.01, 0.71
HSL	0°, 1%, 29%
HSV	0°, 1%, 29%
XYZ	6.4092, 6.7020, 7.2591
YIQ	73.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	74, 73, 73
Decimal	4868425
CIE Lab	31.12, 0.42, 0.14
CIE LCh	31, 0.439, 18.863
Yxy	6.7020, 0.3146, 0.3290
Android (android.graphics.Color)	4283058505 (0xFF4A4949)
YUV	73.2990, -0.1474, 0.6148
Hunter-Lab	25.8882, -1.1127, 1.4966

Details

The Hex color **4A4949** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **494A4A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7B7A79**, and **1E1E1E** is the 20% darker color. If you saturate the color by 10%, you get **4A4242**, and if you desaturate by 10%, it is **4A5050**.

Distribution



Red (29%)

Green (29%)

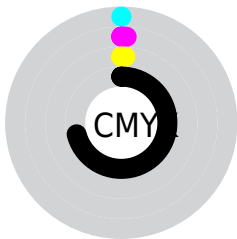
Blue (29%)



Red (29%)

Yellow (29%)

Blue (29%)



Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4949 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 4A4949 by changing the saturation by 10% instead.



4A4949



4A4949

FFFFFF



333333



7B7A79



1E1E1E



949393



050404



AFAEAE



000000



CAC9C9



E6E5E5



4A4949



4A4949



4A4242



4A5050



4A3A3A



4A5858

■ 4A3333

■ 4A5F5F

■ 4A2B2B

■ 4A6767

■ 4A2424

■ 4A6E6E

■ 4A1D1D

■ 4A7575

■ 4A1515

■ 4A7D7D

■ 4A0E0E

■ 4A8484

■ 4A0606

■ 4A8C8C

Harmonies

Triad

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



4A4949



494949



49494A

Complementary

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



4A4949



494A4A

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.



48494A



4A4949



494949

Square

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



4A4949



494949



484949



49494A

Rectangle

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



4A4949



484949



49494A

Sweetspot

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



4A4949



616161



4A494A



303030



B0B0B0

Same Dimension

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



4A4949



615F5F



4A4A49



262525



660000



E60000

Inverse Universe

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



494A4A



5F6161



252626



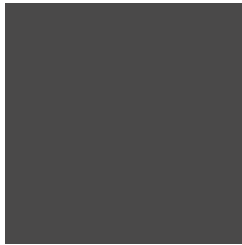
006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4A4949 looks on a white background.

Color Contrast Check

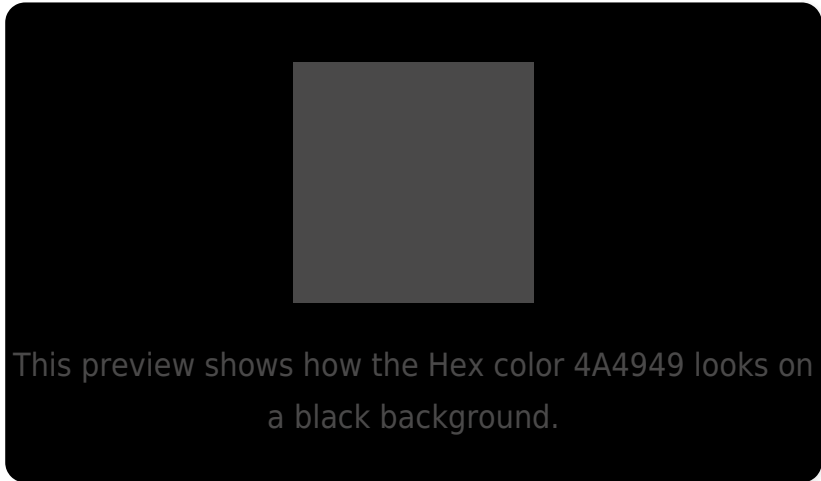
Large Text (above 18pt) WCAG AA ✓ Pass

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

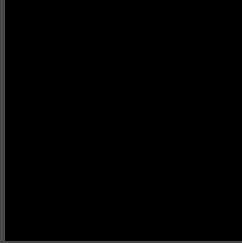
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

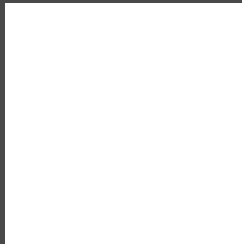
Any Text WCAG AAA × Fail

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

Hex 4A4949 Background



This preview shows how black text looks on a background with the Hex color 4A4949.



This preview shows how white text looks on a background with the Hex color 4A4949.

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
4A4949

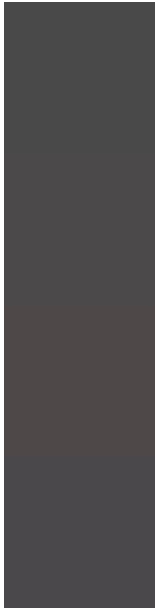
Protanopia
4B4949

Deuteranopia
504749



Tritanopia
4B484E

Trichromacy



Original Color

4A4949

Protanomaly

4B4949

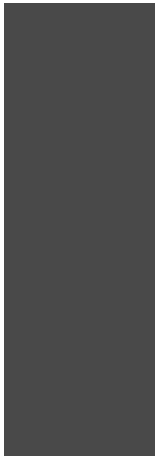
Deuteranomaly

4E4849

Tritanomaly

4B484C

Monochromacy



Original Color

4A4949

Achromatopsia

494949

Achromatomaly

494949

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4949 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 #4A4949 looks like.

```
.text, #text, p{  
    color:#4A4949  
}
```

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 #4A4949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4949
}
```

Border

The CSS property to change the border of an element to Hex 4A4949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

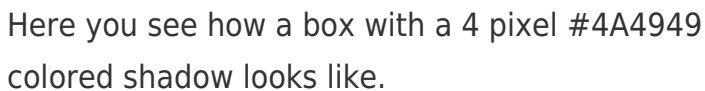
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4949 }
```

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

```
.border{ border-color:#4A4949 }
```

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



Here you see how a box with a 4 pixel #4A4949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4949; -webkit-box-shadow:4px 4px  
4px 4px #4A4949; box-shadow:4px 4px 4px  
4px #4A4949 }
```

Background

The CSS property to change the background color of an element to Hex 4A4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4949 }
```

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

```
.background{ background-color:#4A4949 }
```

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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