

Converting Colors

Hex(4A4950)

Have a look what the booklet for
Hex(4A4950) contains.

Hex(4A4950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A4950)

Conversions

Conversions Part 1

Format	Color
Hex	4A4950
RGB	74, 73, 80
RGB Percent	29%, 29%, 31%
CMY	0.7098, 0.7137, 0.6863
CMYK	0.07, 0.09, 0.00, 0.69
HSL	249°, 5%, 30%
HSV	249°, 9%, 31%
XYZ	6.6546, 6.8001, 8.5512
YIQ	74.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

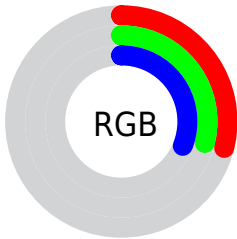
Format	Color
R_YB	74, 73, 80
Decimal	4868432
CIE Lab	31.35, 1.99, -4.01
CIE LCh	31, 4.482, 296.404
Yxy	6.8001, 0.3024, 0.3090
Android (android.graphics.Color)	4283058512 (0xFF4A4950)
YUV	74.0970, 2.9102, -0.0851
Hunter-Lab	26.0770, -0.0837, -1.1886

Details

The Hex color **4A4950** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F5049**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7B7A81**, and **1E1E24** is the 20% darker color. If you saturate the color by 10%, you get **434150**, and if you desaturate by 10%, it is **515150**.

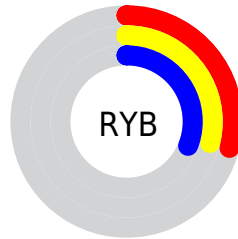
Distribution



Red (29%)

Green (29%)

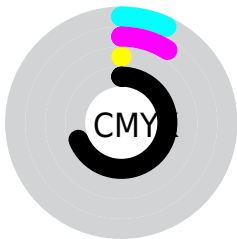
Blue (31%)



Red (29%)

Yellow (29%)

Blue (31%)

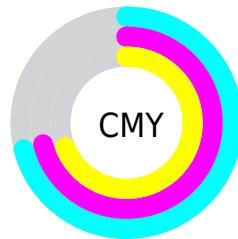


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (69%)



Cyan (71%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4950 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 4A4950 by changing the saturation by 10% instead.

■ 4A4950

■ 4A4950

FFFFFF

■ 333339

■ 7B7A81

■ 1E1E24

■ 94939B

■ 05040E

■ AFAEB6

■ 000000

■ CAC9D2

■ E7E5EE

■ 4A4950

■ 4A4950

■ 434150

■ 515150

■ 3C3950

■ 585950

■ 353150

■ 5F6150

■ 2F2950

■ 656950

■ 282150

■ 6C7150

■ 211950

■ 737950

■ 1A1150

■ 7A8150

■ 130950

■ 818950

■ 0C0150

■ 889150

Harmonies

Analogous

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



464A51



4A4950



4E484E

Triad

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



4A4950



504844



424C49

Complementary

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



4A4950



4F5049

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.



454B46



4A4950



4D4943

Square

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



4A4950



514847



494A43



414C4D

Rectangle

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



4A4950



50484B



494A43



434C48

Sweetspot

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



4A4950



666569



494F50



343336



B5B5B5



363636

Same Dimension

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



4A4950



5F5D69



4D4950



252529



0F0069



2100E8

Inverse Universe

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



50494F



695D67



4C5049



292528



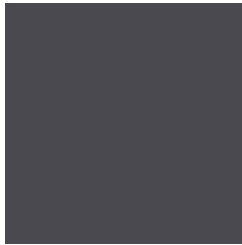
69005A



E800C7

Previews

White Background



This preview shows how the Hex color 4A4950 looks on a white background.

Color Contrast Check

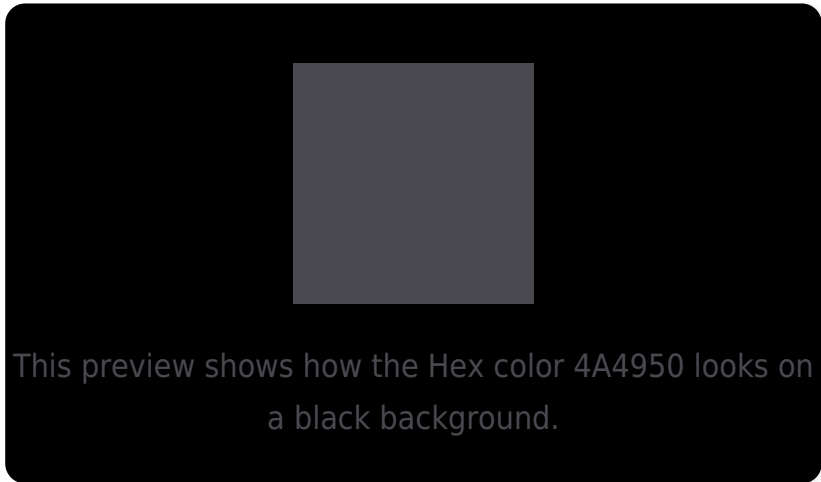
Large Text (above 18pt) WCAG AA ✓ Pass

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

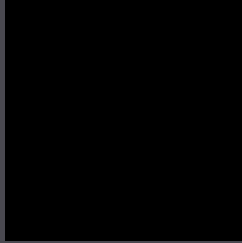
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

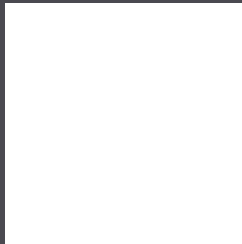
Any Text WCAG AAA × Fail

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

Hex 4A4950 Background



This preview shows how black text looks on a background with the Hex color 4A4950.



This preview shows how white text looks on a background with the Hex color 4A4950.

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


4A4950

Protanopia

494950

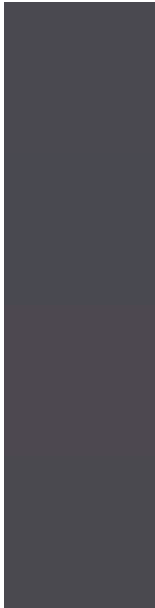
Deuteranopia

4E4850



Tritanopia
4A494F

Trichromacy



Original Color

4A4950

Protanomaly

494950

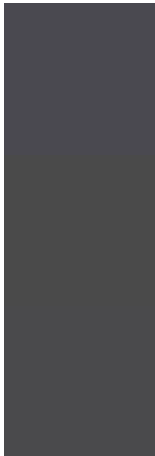
Deuteranomaly

4D4850

Tritanomaly

4A494F

Monochromacy



Original Color

4A4950

Achromatopsia

4A4A4A

Achromatomaly

4A4A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4950 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 #4A4950 looks like.

```
.text, #text, p{  
    color:#4A4950  
}
```

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 #4A4950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4950  
}
```

Border

The CSS property to change the border of an element to Hex 4A4950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

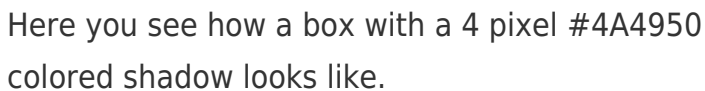
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A4950 }
```

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

```
.border{ border-color:#4A4950 }
```

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



Here you see how a box with a 4 pixel #4A4950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4950; -webkit-box-shadow:4px 4px  
4px 4px #4A4950; box-shadow:4px 4px 4px  
4px #4A4950 }
```

Background

The CSS property to change the background color of an element to Hex 4A4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4950 }
```

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

```
.background{ background-color:#4A4950 }
```

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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