

# Converting Colors

Hex(4A4547)

Have a look what the booklet for  
Hex(4A4547) contains.

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# Color

Hex(4A4547)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A4547
RGB	74, 69, 71
RGB Percent	29%, 27%, 28%
CMY	0.7098, 0.7294, 0.7216
CMYK	0.00, 0.07, 0.04, 0.71
HSL	336°, 3%, 28%
HSV	336°, 7%, 29%
XYZ	6.0895, 6.1670, 6.8306
YIQ	70.7230, 2.3380, 1.6820

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 69, 71
Decimal	4867399
CIE Lab	29.83, 2.53, -0.45
CIE LCh	30, 2.568, 349.870
Yxy	6.1670, 0.3190, 0.3231
Android (android.graphics.Color)	4283057479 (0xFF4A4547)
YUV	70.7230, 0.1366, 2.8739
Hunter-Lab	24.8335, 0.3119, 1.0753

# Details

The Hex color **4A4547** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454A48**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7B7577**, and **1E1A1C** is the 20% darker color. If you saturate the color by 10%, you get **4A3E43**, and if you desaturate by 10%, it is **4A4C4B**.

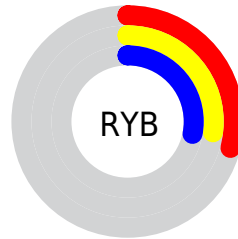
# Distribution



Red (29%)

Green (27%)

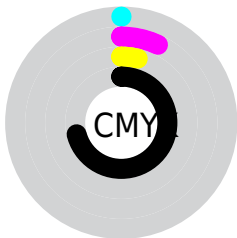
Blue (28%)



Red (29%)

Yellow (27%)

Blue (28%)

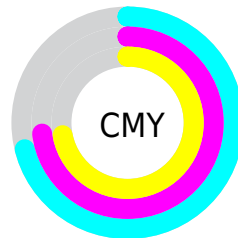


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A4547 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 4A4547 by changing the saturation by 10% instead.





4A4547



4A4547

FFFFFF



332F31



7B7577



1E1A1C



948F91



040000



AFA9AB



000000



CAC4C7



E7E0E3



FFFDFF



4A4547



4A4547



4A3E43



4A4C4B

■ 4A363E

■ 4A5450

■ 4A2F3A

■ 4A5B54

■ 4A2735

■ 4A6359

■ 4A2031

■ 4A6A5D

■ 4A192C

■ 4A7162

■ 4A1128

■ 4A7966

■ 4A0A23

■ 4A806B

■ 4A021F

■ 4A886F

# Harmonies

## Analogous

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



484549



4A4547



4B4545

# Triad

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



4A4547



474743



424749

# Complementary

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



4A4547



454A48

# 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.



414748



4A4547



444744

# Square

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



4A4547



494642



424745



44474A

# Rectangle

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



4A4547



4B4544



424745



424749



# Sweetspot

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



4A4547



615F60



48454A



302F30



B0B0B0



303030



# Same Dimension

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



4A4547



61595C



4A4545



262224



660029



E6005C



# Inverse Universe

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



4A4547



61595C



454A4A



262224



660029



E6005C



# Previews

## White Background



This preview shows how the Hex color 4A4547 looks on a white background.

## Color Contrast Check

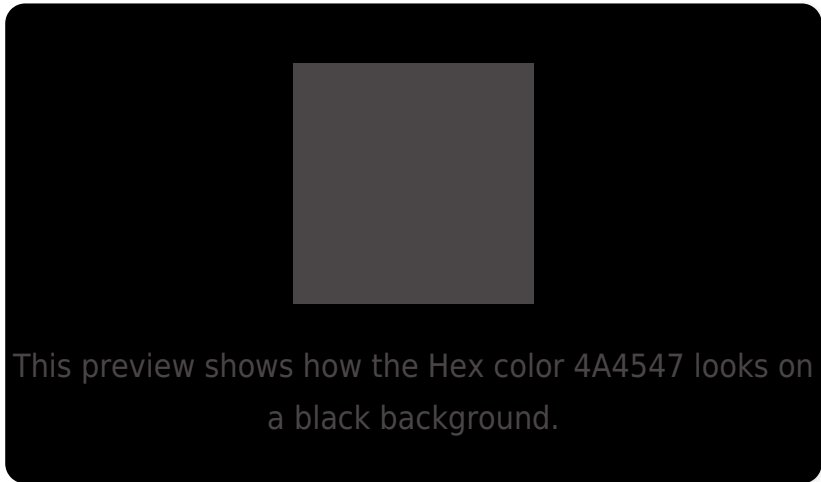
Large Text (above 18pt) WCAG AA ✓ Pass

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

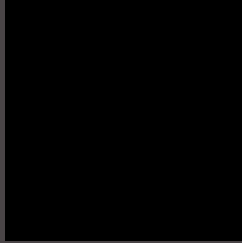
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A4547 Background



This preview shows how black text looks on a background with the Hex color 4A4547.



This preview shows how white text looks on a background with the Hex color 4A4547.

# 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**  
4A4547

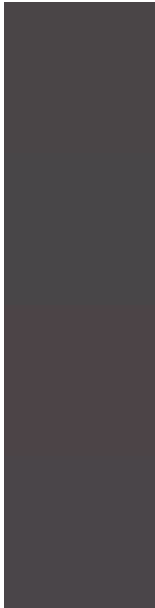
**Protanopia**  
474648

**Deuteranopia**  
4D4447



**Tritanopia**  
4A454A

# Trichromacy



**Original Color**

4A4547

**Protanomaly**

484648

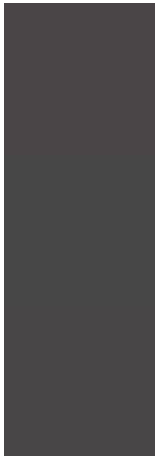
**Deuteranomaly**

4C4447

**Tritanomaly**

4A4549

# Monochromacy



**Original Color**

4A4547

**Achromatopsia**

474747

**Achromatomaly**

484647

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A4547 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 #4A4547 looks like.

```
.text, #text, p{  
    color:#4A4547  
}
```

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 #4A4547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4547
}
```

## Border

The CSS property to change the border of an element to Hex 4A4547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

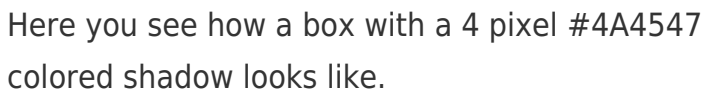
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4547 }
```

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

```
.border{ border-color:#4A4547 }
```

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



Here you see how a box with a 4 pixel #4A4547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4547; -webkit-box-shadow:4px 4px  
4px 4px #4A4547; box-shadow:4px 4px 4px  
4px #4A4547 }
```

# Background

The CSS property to change the background color of an element to Hex 4A4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4547 }
```

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

```
.background{ background-color:#4A4547 }
```

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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