

# Converting Colors

Hex(4B4D4F)

Have a look what the booklet for  
Hex(4B4D4F) contains.

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# Color

Hex(4B4D4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B4D4F
RGB	75, 77, 79
RGB Percent	29%, 30%, 31%
CMY	0.7059, 0.6980, 0.6902
CMYK	0.05, 0.03, 0.00, 0.69
HSL	210°, 3%, 30%
HSV	210°, 5%, 31%
XYZ	6.9668, 7.3681, 8.4521
YIQ	76.6300, -1.8340, 0.1980

# Conversions

## Conversions Part 2

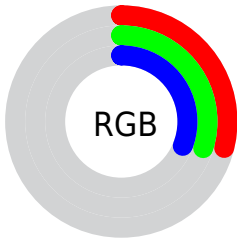
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 76, 79
Decimal	4934991
CIE Lab	32.63, -0.36, -1.47
CIE LCh	33, 1.515, 256.114
Yxy	7.3681, 0.3057, 0.3233
Android (android.graphics.Color)	4283125071 (0xFF4B4D4F)
YUV	76.6300, 1.1684, -1.4295
Hunter-Lab	27.1443, -1.6890, 0.5394

# Details

The Hex color **4B4D4F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F4D4B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7C7E80**, and **1F2123** is the 20% darker color. If you saturate the color by 10%, you get **43494F**, and if you desaturate by 10%, it is **53514F**.

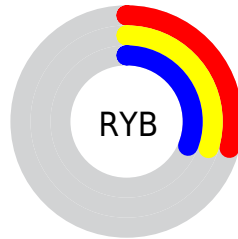
# Distribution



Red (29%)

Green (30%)

Blue (31%)



Red (29%)

Yellow (30%)

Blue (31%)

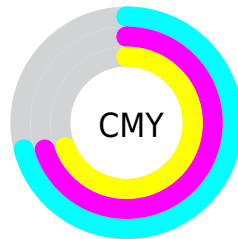


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (69%)



Cyan (71%)

Magenta (70%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4D4F 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 4B4D4F by changing the saturation by 10% instead.





4B4D4F



4B4D4F

FFFFFF



343638



7C7E80



1F2123



96989A



070A0D



B0B2B5



000000



CCCED0



E8EAED



4B4D4F



4B4D4F



43494F



53514F



3B454F



5B554F

■ 33414F

■ 63594F

■ 2B3D4F

■ 6B5D4F

■ 24394F

■ 73614F

■ 1C354F

■ 7A654F

■ 14314F

■ 82694F

■ 0C2D4F

■ 8A6D4F

■ 04294F

■ 92714F

# Harmonies

## Analogous

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



4A4D4E



4B4D4F



4C4D4F

# Triad

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



4B4D4F



4F4C4C



4C4D4B

# Complementary

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



4B4D4F



4F4D4B

# 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.



4D4D4A



4B4D4F



4F4C4B

# Square

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



4B4D4F



4F4C4D



4E4C4A



4B4D4C

# Rectangle

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



4B4D4F



4D4C4F



4E4C4A



4C4D4B



# Sweetspot

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



4B4D4F



646566



4B4F4D



323233



B3B3B3



333333



# Same Dimension

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



4B4D4F



606366



4B4B4F



242526



003366



0073E6



# Inverse Universe

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



4F4B4D



666063



4F4F4B



262425



660033

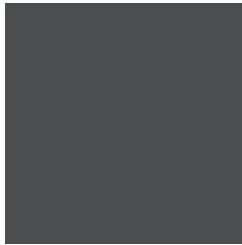


E60073



# Previews

## White Background



This preview shows how the Hex color 4B4D4F looks on a white background.

## Color Contrast Check

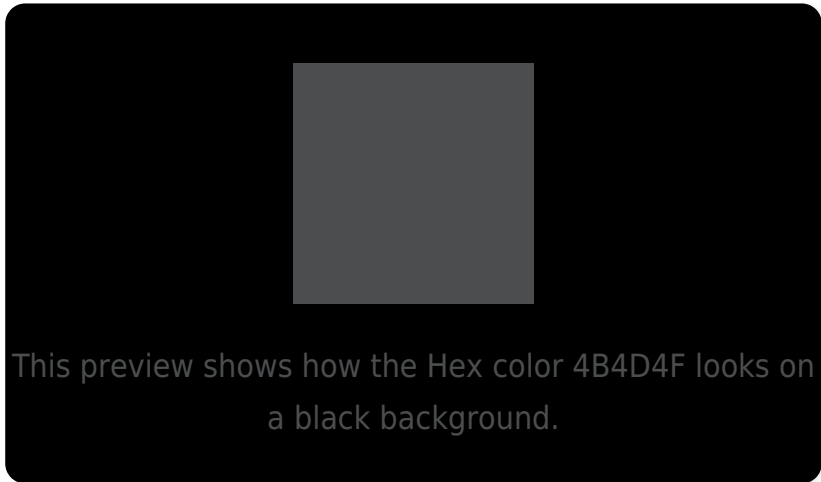
Large Text (above 18pt) WCAG AA ✓ Pass

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

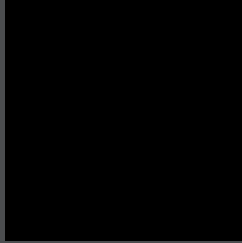
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

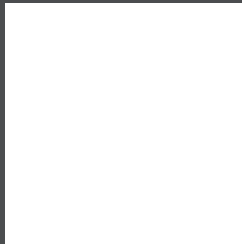
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B4D4F Background



This preview shows how black text looks on a background with the Hex color 4B4D4F.



This preview shows how white text looks on a background with the Hex color 4B4D4F.

# 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**  
4B4D4F

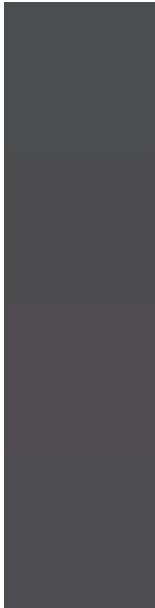
**Protanopia**  
4D4C4F

**Deuteranopia**  
534A50



**Tritanopia**  
4C4C52

# Trichromacy



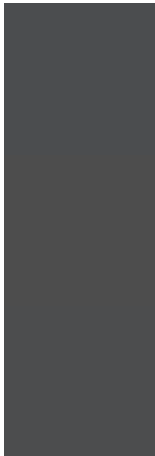
**Original Color**  
4B4D4F

**Protanomaly**  
4C4C4F

**Deuteranomaly**  
504B50

**Tritanomaly**  
4C4C51

# Monochromacy



**Original Color**  
4B4D4F

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4C4D4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4D4F 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 #4B4D4F looks like.

```
.text, #text, p{  
    color:#4B4D4F  
}
```

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 #4B4D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4D4F
}
```

## Border

The CSS property to change the border of an element to Hex 4B4D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

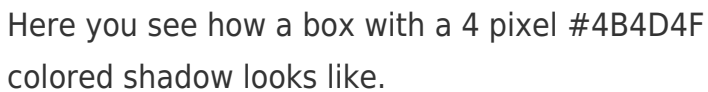
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4D4F }
```

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

```
.border{ border-color:#4B4D4F }
```

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



Here you see how a box with a 4 pixel #4B4D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4D4F; -webkit-box-shadow:4px 4px  
4px 4px #4B4D4F; box-shadow:4px 4px 4px  
4px #4B4D4F }
```

# Background

The CSS property to change the background color of an element to Hex 4B4D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4D4F }
```

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

```
.background{ background-color:#4B4D4F }
```

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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