

# Converting Colors

Hex(4C4853)

Have a look what the booklet for  
Hex(4C4853) contains.

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# Color

**Hex(4C4853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C4853
RGB	76, 72, 83
RGB Percent	30%, 28%, 33%
CMY	0.7020, 0.7176, 0.6745
CMYK	0.08, 0.13, 0.00, 0.67
HSL	262°, 7%, 30%
HSV	262°, 13%, 33%
XYZ	6.8592, 6.7958, 9.1338
YIQ	74.4500, -1.1470, 4.2690

# Conversions

## Conversions Part 2

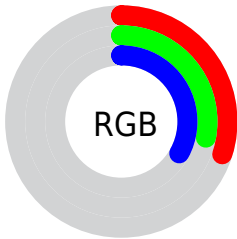
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 72, 83
Decimal	4999251
CIE Lab	31.34, 4.13, -5.93
CIE LCh	31, 7.229, 304.821
Yxy	6.7958, 0.3010, 0.2982
Android (android.graphics.Color)	4283189331 (0xFF4C4853)
YUV	74.4500, 4.2151, 1.3593
Hunter-Lab	26.0687, 1.3467, -2.5256

# Details

The Hex color **4C4853** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F5348**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7D7884**, and **201D26** is the 20% darker color. If you saturate the color by 10%, you get **474053**, and if you desaturate by 10%, it is **515053**.

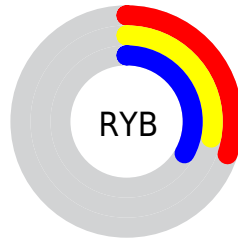
# Distribution



Red (30%)

Green (28%)

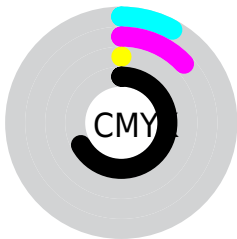
Blue (33%)



Red (30%)

Yellow (28%)

Blue (33%)

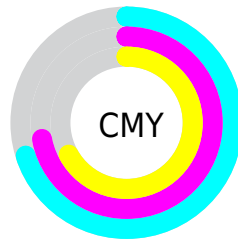


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (67%)



Cyan (70%)

Magenta (72%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4853 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 4C4853 by changing the saturation by 10% instead.





4C4853



4C4853

FFFFFF



35323C



7D7884



201D26



97929F



090212



B1ADB9



000000



CDC8D5



E9E4F2



4C4853



4C4853



474053



515053



413753



575953

■ 3C2F53

■ 5C6153

■ 372753

■ 616953

■ 321E53

■ 667153

■ 2C1653

■ 6C7A53

■ 270E53

■ 718253

■ 220653

■ 768A53

■ 1E0053

■ 7C9353

# Harmonies

## Analogous

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



454A55



4C4853



52464F

# Triad

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



4C4853



534840



3C4D4A

# Complementary

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



4C4853



4F5348

# 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.



414D45



4C4853



4D4A3F

# Square

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



4C4853



564644



474B40



3B4D50

# Rectangle

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



4C4853



55464B



474B40



3E4D49



# Sweetspot

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



4C4853



68676B



484F53



343336



B5B5B5



363636



# Same Dimension

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



4C4853



605A6B



514853



262529



260069



5400E8



# Inverse Universe

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



53484F



6B5A65



4A5348



292527



690043



E80094



# Previews

## White Background



This preview shows how the Hex color 4C4853 looks on a white background.

## Color Contrast Check

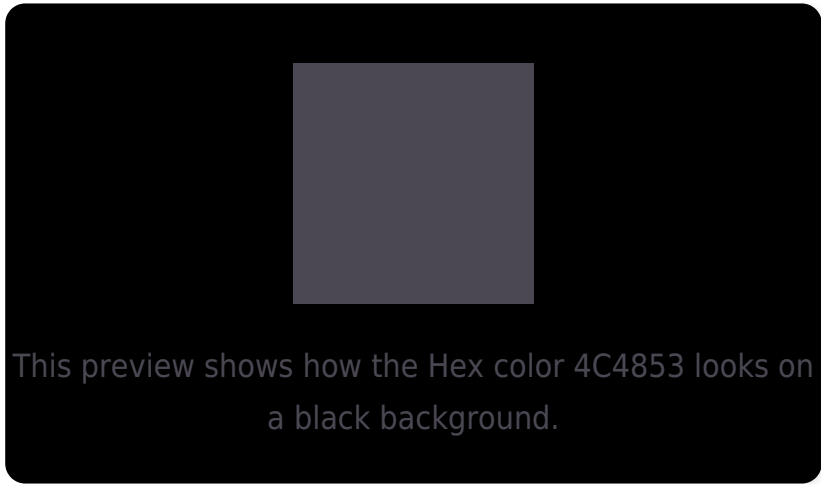
Large Text (above 18pt) WCAG AA ✓ Pass

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

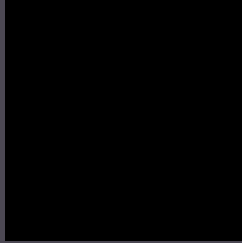
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C4853 Background



This preview shows how black text looks on a background with the Hex color 4C4853.

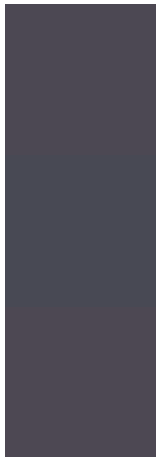


This preview shows how white text looks on a background with the Hex color 4C4853.

# 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**  
4C4853

**Protanopia**  
484954

**Deuteranopia**  
4D4853



**Tritanopia**  
4B494E

# Trichromacy



**Original Color**

4C4853

**Protanomaly**

494954

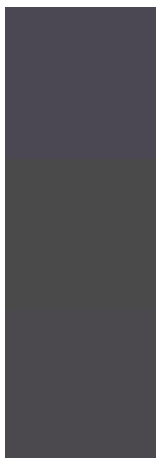
**Deuteranomaly**

4D4853

**Tritanomaly**

4B4950

# Monochromacy



**Original Color**

4C4853

**Achromatopsia**

4A4A4A

**Achromatomaly**

4B494D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4853 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 #4C4853 looks like.

```
.text, #text, p{  
    color:#4C4853  
}
```

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 #4C4853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4853  
}
```

## Border

The CSS property to change the border of an element to Hex 4C4853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

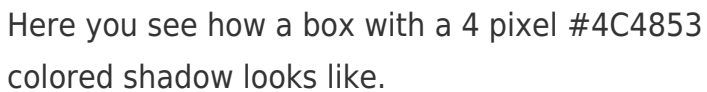
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C4853 }
```

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

```
.border{ border-color:#4C4853 }
```

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



Here you see how a box with a 4 pixel #4C4853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4853; -webkit-box-shadow:4px 4px  
4px 4px #4C4853; box-shadow:4px 4px 4px  
4px #4C4853 }
```

# Background

The CSS property to change the background color of an element to Hex 4C4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4853 }
```

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

```
.background{ background-color:#4C4853 }
```

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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