

# Converting Colors

Hex(4C4661)

Have a look what the booklet for  
Hex(4C4661) contains.

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# Color

**Hex(4C4661)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C4661
RGB	76, 70, 97
RGB Percent	30%, 27%, 38%
CMY	0.7020, 0.7255, 0.6196
CMYK	0.22, 0.28, 0.00, 0.62
HSL	253°, 16%, 33%
HSV	253°, 28%, 38%
XYZ	7.3283, 6.7799, 12.2317
YIQ	74.8720, -5.0910, 9.6690

# Conversions

## Conversions Part 2

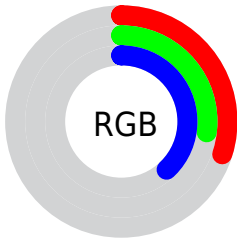
Format	Color
R <sub>Y</sub> B	76, 70, 97
Decimal	4998753
CIE Lab	31.30, 8.93, -14.95
CIE LCh	31, 17.413, 300.847
Yxy	6.7799, 0.2782, 0.2574
Android (android.graphics.Color)	4283188833 (0xFF4C4661)
YUV	74.8720, 10.9091, 0.9893
Hunter-Lab	26.0382, 4.6710, -9.6252

# Details

The Hex color **4C4661** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6146**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7D7694**, and **1F1B33** is the 20% darker color. If you saturate the color by 10%, you get **443C61**, and if you desaturate by 10%, it is **545061**.

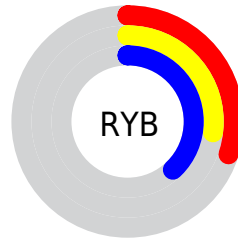
# Distribution



Red (30%)

Green (27%)

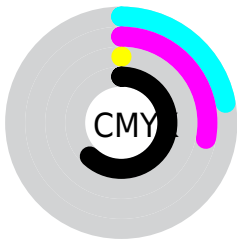
Blue (38%)



Red (30%)

Yellow (27%)

Blue (38%)

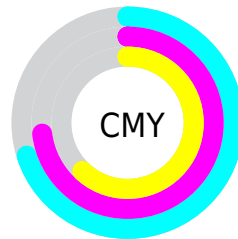


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (62%)



Cyan (70%)

Magenta (73%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4661 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 4C4661 by changing the saturation by 10% instead.



■ 4C4661

■ 4C4661

FFFFFF

■ 353049

■ 7D7694

■ 1F1B33

■ 9790AE

■ 0B001E

■ B2AACA

■ 000000

■ CEC6E6

■ EAE2FF

FFFEFF

■ 4C4661

■ 4C4661

■ 443C61

■ 545061

■ 3D3361

■ 5B5961

■ 352961

■ 636361

■ 2E1F61

■ 6A6D61

■ 261661

■ 727761

■ 1F0C61

■ 798061

■ 170261

■ 818A61

■ 160061

■ 889461

■ 909D61

# Harmonies

## Analogous

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



384B65



4C4661



5B4257

# Triad

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



4C4661



5E4432



25514A

# Complementary

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



4C4661



5B6146

# 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.



34503C



4C4661



53492E

# Square

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



4C4661



64413C



444D32



1C5157

# Rectangle

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



4C4661



62404E



444D32



2A5145



# Sweetspot

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



4C4661



75737D



465B61



3B3940



BFBFBF



404040



# Same Dimension

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



4C4661



5D547D



594661



2D2C30



190070



3500F0



# Inverse Universe

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



61465B



7D5474



4E6146



302C2F



700057



F000BA



# Previews

## White Background



This preview shows how the Hex color 4C4661 looks on a white background.

## Color Contrast Check

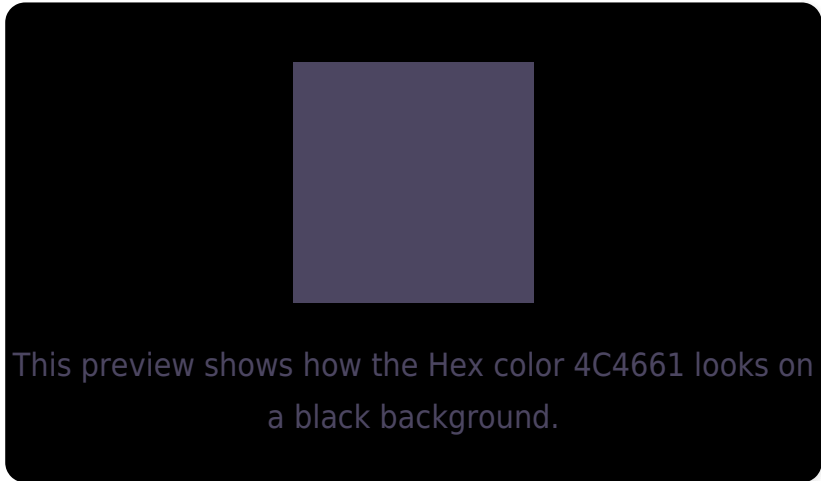
Large Text (above 18pt) WCAG AA ✓ Pass

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

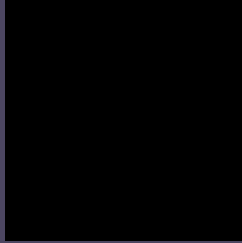
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C4661 Background



This preview shows how black text looks on a background with the Hex color 4C4661.

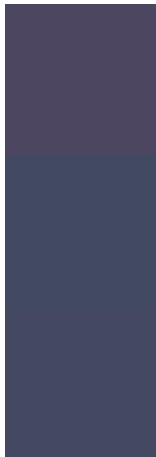


This preview shows how white text looks on a background with the Hex color 4C4661.

# 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**  
4C4661

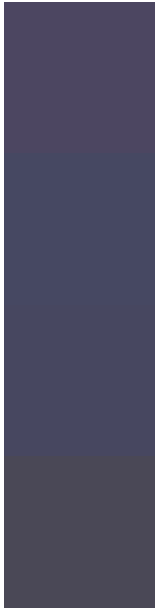
**Protanopia**  
424963

**Deuteranopia**  
444860



**Tritanopia**  
49494F

# Trichromacy



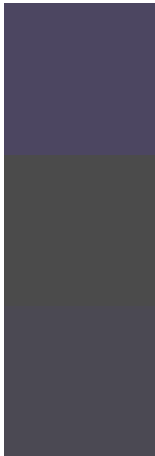
**Original Color**  
4C4661

**Protanomaly**  
464862

**Deuteranomaly**  
474760

**Tritanomaly**  
4A4856

# Monochromacy



**Original Color**  
4C4661

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4B4953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4661 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 #4C4661 looks like.

```
.text, #text, p{  
    color:#4C4661  
}
```

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 #4C4661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4661
}
```

## Border

The CSS property to change the border of an element to Hex 4C4661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

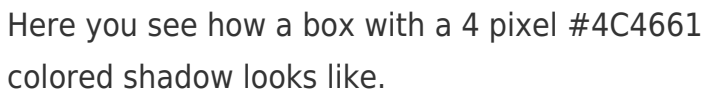
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4661 }
```

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

```
.border{ border-color:#4C4661 }
```

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



Here you see how a box with a 4 pixel #4C4661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4661; -webkit-box-shadow:4px 4px  
4px 4px #4C4661; box-shadow:4px 4px 4px  
4px #4C4661 }
```

# Background

The CSS property to change the background color of an element to Hex 4C4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4661 }
```

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

```
.background{ background-color:#4C4661 }
```

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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