

# Converting Colors

Hex(4D4A5E)

Have a look what the booklet for  
Hex(4D4A5E) contains.

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# Color

Hex(4D4A5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D4A5E
RGB	77, 74, 94
RGB Percent	30%, 29%, 37%
CMY	0.6980, 0.7098, 0.6314
CMYK	0.18, 0.21, 0.00, 0.63
HSL	249°, 12%, 33%
HSV	249°, 21%, 37%
XYZ	7.5297, 7.2835, 11.5987
YIQ	77.1770, -4.6320, 6.8560

# Conversions

## Conversions Part 2

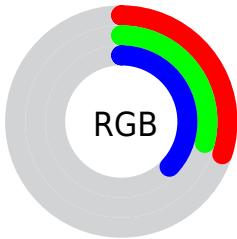
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	77, 74, 94
Decimal	5065310
CIE Lab	32.44, 5.93, -11.28
CIE LCh	32, 12.749, 297.732
Yxy	7.2835, 0.2851, 0.2758
Android (android.graphics.Color)	4283255390 (0xFF4D4A5E)
YUV	77.1770, 8.2937, -0.1552
Hunter-Lab	26.9879, 2.5732, -6.5896




# Details

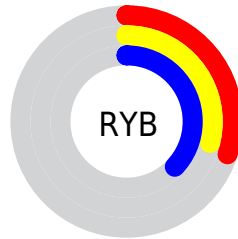
The Hex color **4D4A5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B5E4A**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **7E7B90**, and **201E30** is the 20% darker color. If you saturate the color by 10%, you get **45415E**, and if you desaturate by 10%, it is **55535E**.

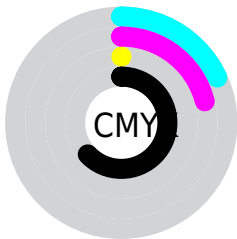
# Distribution







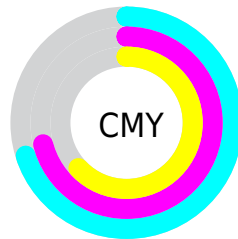
-  Red (30%)
-  Green (29%)
-  Blue (37%)






-  Red (30%)
-  Yellow (29%)
-  Blue (37%)



-  Cyan (18%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D4A5E 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 4D4A5E by changing the saturation by 10% instead.



■ 4D4A5E

■ 4D4A5E

FFFFFF

■ 363346

■ 7E7B90

■ 201E30

■ 9894AB

■ 0B051B

■ B3AFC6

■ 000000

■ CFCAE2

■ EBE6FF

■ 4D4A5E

■ 4D4A5E

■ 45415E

■ 55535E

■ 3D375E

■ 5D5D5E

■ 352E5E

■ 65665E

■ 2D245E

■ 6D705E

■ 251B5E

■ 75795E

■ 1D125E

■ 7D825E

■ 15085E

■ 858C5E

■ 0E005E

■ 8D955E

■ 959F5E

# Harmonies

## Analogous

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



3F4D60



4D4A5E



594757

# Triad

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



4D4A5E



5D483C



34524B

# Complementary

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



4D4A5E



5B5E4A

# 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.



3E5141



4D4A5E



554B38

# Square

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



4D4A5E



614643



4A4F3A



305255

# Rectangle

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



4D4A5E



5E4651



4A4F3A



375248



# Sweetspot

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



4D4A5E



74737A



4A5B5E



3A393D



BDBDBD



3D3D3D



# Same Dimension

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



4D4A5E



5F5B7A



574A5E



2A292E



10006E



2400ED



# Inverse Universe

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



5E4A5B



7A5B76



515E4A



2E292D



6E005D

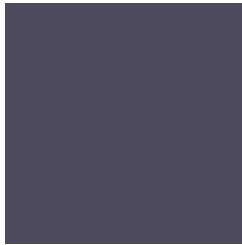


ED00CA



# Previews

## White Background



This preview shows how the Hex color 4D4A5E looks on a white background.

## Color Contrast Check

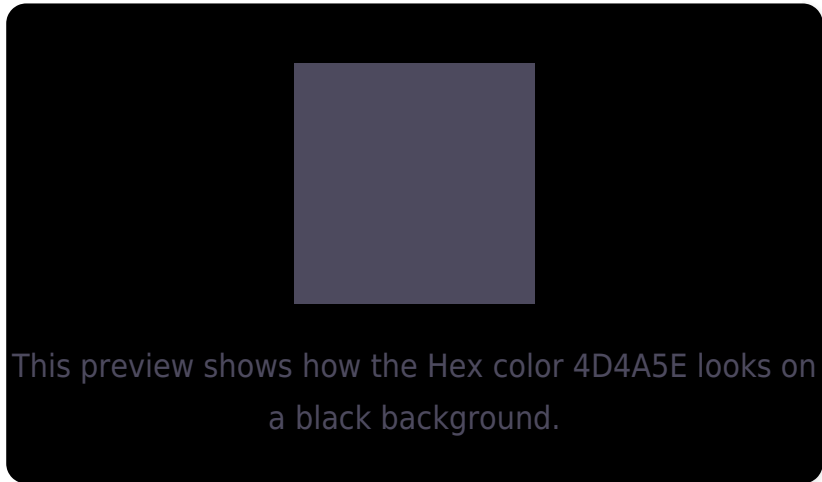
Large Text (above 18pt) WCAG AA ✓ Pass

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

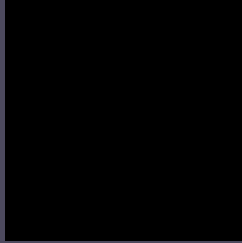
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D4A5E Background



This preview shows how black text looks on a background with the Hex color 4D4A5E.

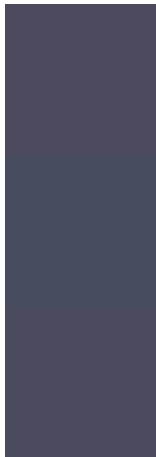


This preview shows how white text looks on a background with the Hex color 4D4A5E.

# 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](#).

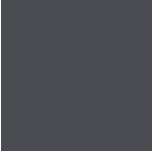
## Dichromacy



**Original Color**  
4D4A5E

**Protanopia**  
484C5F

**Deuteranopia**  
4B4B5E



**Tritanopia**  
4B4C52

# Trichromacy



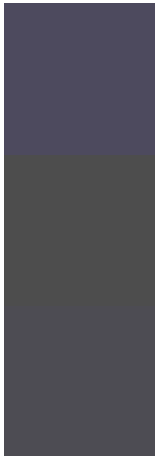
**Original Color**  
4D4A5E

**Protanomaly**  
4A4B5F

**Deuteranomaly**  
4C4B5E

**Tritanomaly**  
4C4B56

# Monochromacy



**Original Color**  
4D4A5E

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4D4C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D4A5E 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 #4D4A5E looks like.

```
.text, #text, p{  
    color:#4D4A5E  
}
```

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 #4D4A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4A5E
}
```

## Border

The CSS property to change the border of an element to Hex 4D4A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

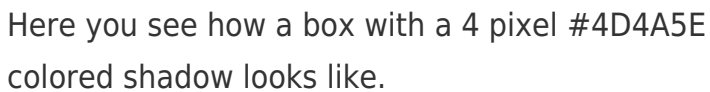
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4A5E }
```

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

```
.border{ border-color:#4D4A5E }
```

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



Here you see how a box with a 4 pixel #4D4A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4A5E; -webkit-box-shadow:4px 4px  
4px 4px #4D4A5E; box-shadow:4px 4px 4px  
4px #4D4A5E }
```

# Background

The CSS property to change the background color of an element to Hex 4D4A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4A5E }
```

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

```
.background{ background-color:#4D4A5E }
```

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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