

Converting Colors

Hex(4D333D)

Have a look what the booklet for
Hex(4D333D) contains.

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Color

Hex(4D333D)

Conversions

Conversions Part 1

Format	Color
Hex	4D333D
RGB	77, 51, 61
RGB Percent	30%, 20%, 24%
CMY	0.6980, 0.8000, 0.7608
CMYK	0.00, 0.34, 0.21, 0.70
HSL	337°, 20%, 25%
HSV	337°, 34%, 30%
XYZ	5.0867, 4.2824, 4.9734
YIQ	59.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

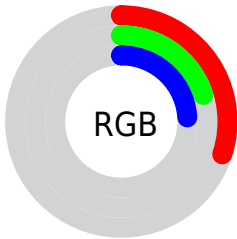
Format	Color
R_{YB}	77, 51, 61
Decimal	5059389
CIE Lab	24.58, 13.49, -1.52
CIE LCh	25, 13.579, 353.571
Yxy	4.2824, 0.3547, 0.2986
Android (android.graphics.Color)	4283249469 (0xFF4D333D)
YUV	59.9140, 0.5354, 14.9844
Hunter-Lab	20.6939, 7.6624, 0.2365

Details

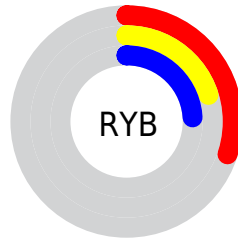
The Hex color **4D333D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334D43**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7F626C**, and **210613** is the 20% darker color. If you saturate the color by 10%, you get **4D2B38**, and if you desaturate by 10%, it is **4D3B42**.

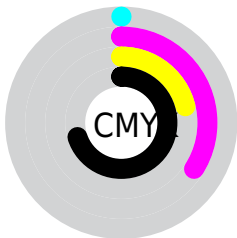
Distribution



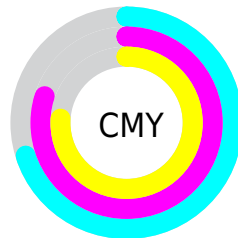
- Red (30%)
- Green (20%)
- Blue (24%)



- Red (30%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (70%)



- Cyan (70%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D333D 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 4D333D by changing the saturation by 10% instead.

■ 4D333D

■ 4D333D

FFFFFF

■ 361E27

■ 7F626C

■ 210613

■ 997B86

■ 000000

■ B495A0

■ CFAFBB

■ ECCBD6

■ FFE7F3

■ 4D333D

■ 4D333D

■ 4D2B38

■ 4D3B42

■ 4D2434

■ 4D4246

■ 4D1C2F

■ 4D4A4B

■ 4D142A

■ 4D5250

■ 4D0D25

■ 4D5A55

■ 4D0521

■ 4D6159

■ 4D001E

■ 4D695E

■ 4D7163

■ 4D7868

Harmonies

Analogous

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



453547



4D333D



4F3333

Triad

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



4D333D



393C27



1E3F4A

Complementary

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



4D333D



334D43

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.



1B4042



4D333D



2D3F2E

Square

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



4D333D



443926



224038



2A3C4E

Rectangle

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



4D333D



4D352D



224038



1B3F48

Sweetspot

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



4D333D



635A5D



43334D



332D2F



B3B3B3



333333

Same Dimension

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



4D333D



633B4A



4D3633



262224



660027



E60058

Inverse Universe

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



4D333D



633B4A



334A4D



262224



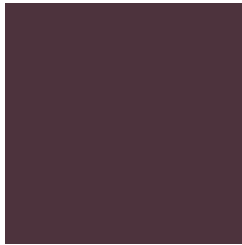
660027



E60058

Previews

White Background



This preview shows how the Hex color 4D333D looks on a white background.

Color Contrast Check

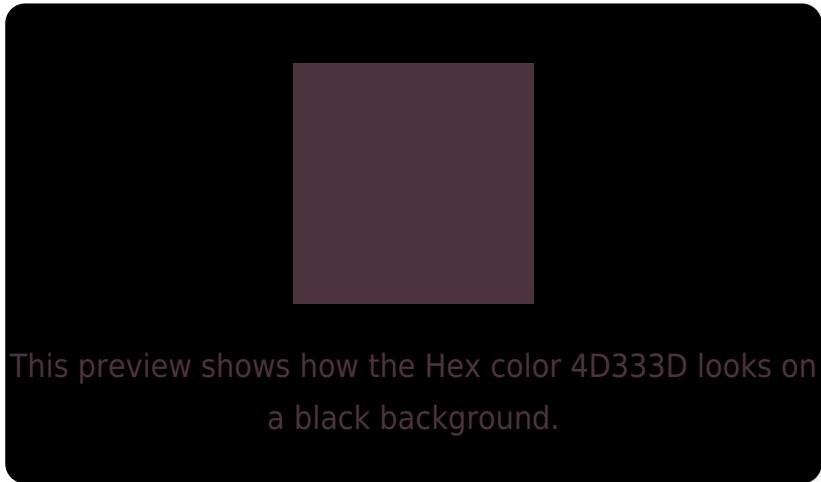
Large Text (above 18pt) WCAG AA ✓ Pass

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

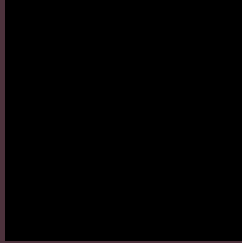
Any Text WCAG AA × Fail

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 4D333D Background



This preview shows how black text looks on a background with the Hex color 4D333D.



This preview shows how white text looks on a background with the Hex color 4D333D.

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](#).

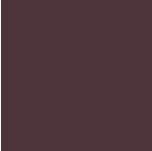
Dichromacy



Original Color
4D333D

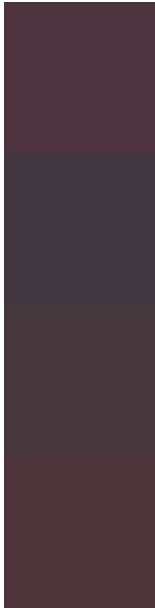
Protanopia
3A3A41

Deuteranopia
40393C



Tritanopia
4C3438

Trichromacy



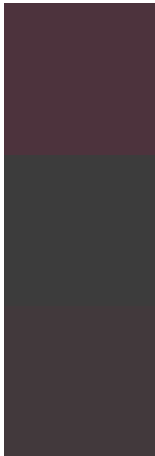
Original Color
4D333D

Protanomaly
413740

Deuteranomaly
45373C

Tritanomaly
4C343A

Monochromacy



Original Color
4D333D

Achromatopsia
3C3C3C

Achromatomaly
42393C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D333D 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 #4D333D looks like.

```
.text, #text, p{  
    color:#4D333D  
}
```

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 #4D333D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D333D
}
```

Border

The CSS property to change the border of an element to Hex 4D333D is called "border". The border property can be set on classes, ids or directly on the HTML element.

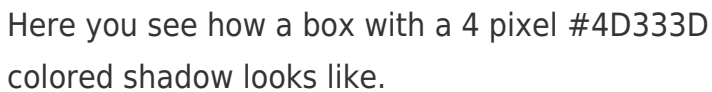
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D333D }
```

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

```
.border{ border-color:#4D333D }
```

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



Here you see how a box with a 4 pixel #4D333D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D333D; -webkit-box-shadow:4px 4px  
4px 4px #4D333D; box-shadow:4px 4px 4px  
4px #4D333D }
```

Background

The CSS property to change the background color of an element to Hex 4D333D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D333D }
```

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

```
.background{ background-color:#4D333D }
```

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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