

Converting Colors

Hex(4D3D46)

Have a look what the booklet for
Hex(4D3D46) contains.

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Color

Hex(4D3D46)

Conversions

Conversions Part 1

Format	Color
Hex	4D3D46
RGB	77, 61, 70
RGB Percent	30%, 24%, 27%
CMY	0.6980, 0.7608, 0.7255
CMYK	0.00, 0.21, 0.09, 0.70
HSL	326°, 12%, 27%
HSV	326°, 21%, 30%
XYZ	5.8348, 5.3575, 6.5209
YIQ	66.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

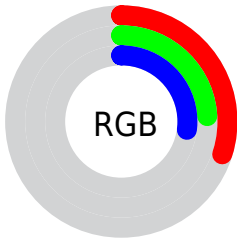
Format	Color
R_{YB}	77, 61, 70
Decimal	5061958
CIE Lab	27.73, 8.75, -2.85
CIE LCh	28, 9.205, 341.944
Yxy	5.3575, 0.3294, 0.3025
Android (android.graphics.Color)	4283252038 (0xFF4D3D46)
YUV	66.8100, 1.5727, 8.9366
Hunter-Lab	23.1462, 4.4913, -0.5013




Details

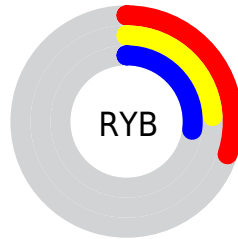
The Hex color **4D3D46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4D44**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **7E6C76**, and **21131B** is the 20% darker color. If you saturate the color by 10%, you get **4D3543**, and if you desaturate by 10%, it is **4D4549**.

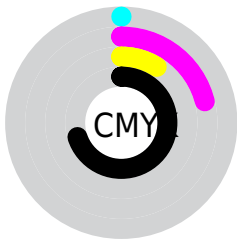
Distribution







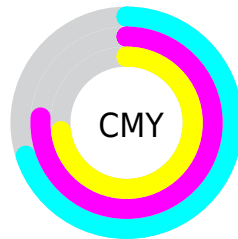
-  Red (30%)
-  Green (24%)
-  Blue (27%)






-  Red (30%)
-  Yellow (24%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (9%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (76%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3D46 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 4D3D46 by changing the saturation by 10% instead.

■ 4D3D46

■ 4D3D46

FFFFFF

■ 362730

■ 7E6C76

■ 21131B

■ 988690

■ 000000

■ B3A0AA

■ CEBBC6

■ EBD7E2

■ FFF3FE

■ 4D3D46

■ 4D3D46

■ 4D3543

■ 4D4549

■ 4D2E3F

■ 4D4C4D

■ 4D263C

■ 4D5450

■ 4D1E39

■ 4D5C53

■ 4D1735

■ 4D6457

■ 4D0F32

■ 4D6B5A

■ 4D072E

■ 4D735E

■ 4D002B

■ 4D7B61

■ 4D8264

Harmonies

Analogous

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



463F4C



4D3D46



503D3F

Triad

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



4D3D46



444234



2F454B

Complementary

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



4D3D46



3D4D44

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.



2F4644



4D3D46



3C4437

Square

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



4D3D46



4B4034



34453D



34434F

Rectangle

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



4D3D46



503D3A



34453D



2F4549

Sweetspot

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



4D3D46



635D61



443D4D



332F31



B3B3B3



333333

Same Dimension

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



4D3D46



634B59



4D3D3E



262225



660039



E60081

Inverse Universe

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



4D3D46



634B59



3D4D4C



262225



660039



E60081

Previews

White Background



This preview shows how the Hex color 4D3D46 looks on a white background.

Color Contrast Check

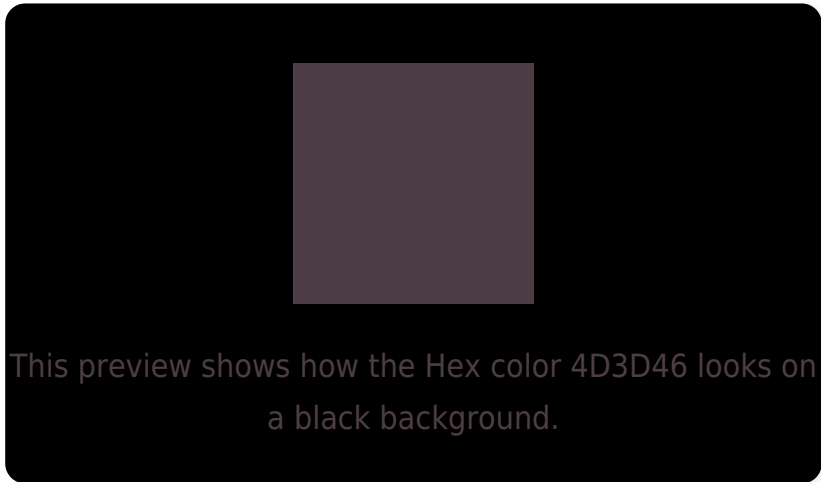
Large Text (above 18pt) WCAG AA ✓ Pass

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

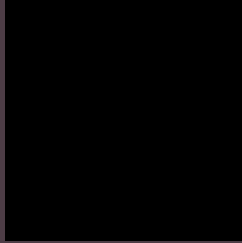
Any Text WCAG AA × Fail

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 4D3D46 Background



This preview shows how black text looks on a background with the Hex color 4D3D46.



This preview shows how white text looks on a background with the Hex color 4D3D46.

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
4D3D46

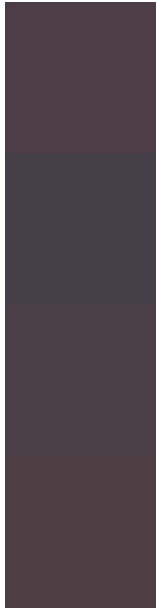
Protanopia
414149

Deuteranopia
464045



Tritanopia
4D3E42

Trichromacy



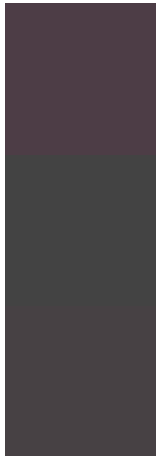
Original Color
4D3D46

Protanomaly
454048

Deuteranomaly
493F45

Tritanomaly
4D3E43

Monochromacy



Original Color
4D3D46

Achromatopsia
434343

Achromatomaly
474144

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3D46 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 #4D3D46 looks like.

```
.text, #text, p{  
    color:#4D3D46  
}
```

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 #4D3D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3D46
}
```

Border

The CSS property to change the border of an element to Hex 4D3D46 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".

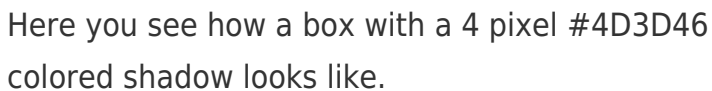
```
.border, #border, table{ border:4px solid
#4D3D46 }
```

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

```
.border{ border-color:#4D3D46 }
```

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

Here you see how a box with a 4 pixel #4D3D46 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3D46; -webkit-box-shadow:4px 4px  
4px 4px #4D3D46; box-shadow:4px 4px 4px  
4px #4D3D46 }
```

Background

The CSS property to change the background color of an element to Hex 4D3D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3D46 }
```

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

```
.background{ background-color:#4D3D46 }
```

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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