

# Converting Colors

Hex(444D41)

Have a look what the booklet for  
Hex(444D41) contains.

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# Color

**Hex(444D41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	444D41
RGB	68, 77, 65
RGB Percent	27%, 30%, 25%
CMY	0.7333, 0.6980, 0.7451
CMYK	0.12, 0.00, 0.16, 0.70
HSL	105°, 8%, 28%
HSV	105°, 16%, 30%
XYZ	5.9919, 6.9184, 6.0206
YIQ	72.9410, -1.5120, -5.6400

# Conversions

## Conversions Part 2

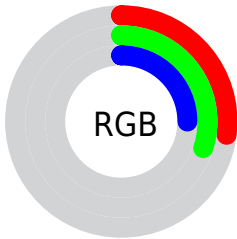
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 77, 74
Decimal	4476225
CIELab	31.62, -6.26, 5.91
CIELCh	32, 8.611, 136.665
Yxy	6.9184, 0.3165, 0.3655
Android (android.graphics.Color)	4282666305 (0xFF444D41)
YUV	72.9410, -3.9149, -4.3333
Hunter-Lab	26.3028, -5.3666, 4.8407

# Details

The Hex color **444D41** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A414D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **747E71**, and **192117** is the 20% darker color. If you saturate the color by 10%, you get **3E4D39**, and if you desaturate by 10%, it is **4A4D49**.

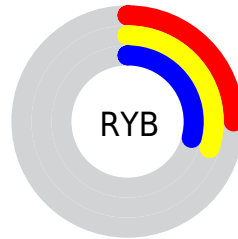
# Distribution



Red (27%)

Green (30%)

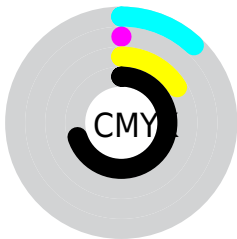
Blue (25%)



Red (25%)

Yellow (30%)

Blue (29%)

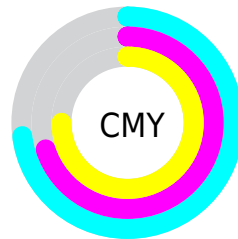


Cyan (12%)

Magenta (0%)

Yellow (16%)

Black (70%)



Cyan (73%)

Magenta (70%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444D41 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 444D41 by changing the saturation by 10% instead.





444D41



444D41

FFFFFF



2E362B



747E71



192117



8E988A



000B00



A8B3A5



000000



C3CEC0



DFEADB



FCFFF8



444D41



444D41



3E4D39



4A4D49

■ 384D32

■ 504D50

■ 334D2A

■ 554D58

■ 2D4D22

■ 5B4D60

■ 274D1B

■ 614D67

■ 214D13

■ 674D6F

■ 1C4D0B

■ 6C4D77

■ 164D03

■ 724D7F

■ 134D00

■ 784D86

# Harmonies

## Analogous

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



4C4B3D



444D41



3D4E47

# Triad

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



444D41



3F4C57



594647

# Complementary

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



444D41



4A414D

# 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.



56464E



444D41



484A57

# Square

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



444D41



3A4E54



504754



574741

# Rectangle

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



444D41



3A4E4C



504754



584649



# Sweetspot

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



444D41



60635E



4D4A41



313330



B3B3B3



333333



# Same Dimension

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



444D41



556351



414D44



232622



1A6600



39E600



# Inverse Universe

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



4A414D



5F5163



4D414A



252226



4D0066



AC00E6



# Previews

## White Background



This preview shows how the Hex color 444D41 looks on a white background.

## Color Contrast Check

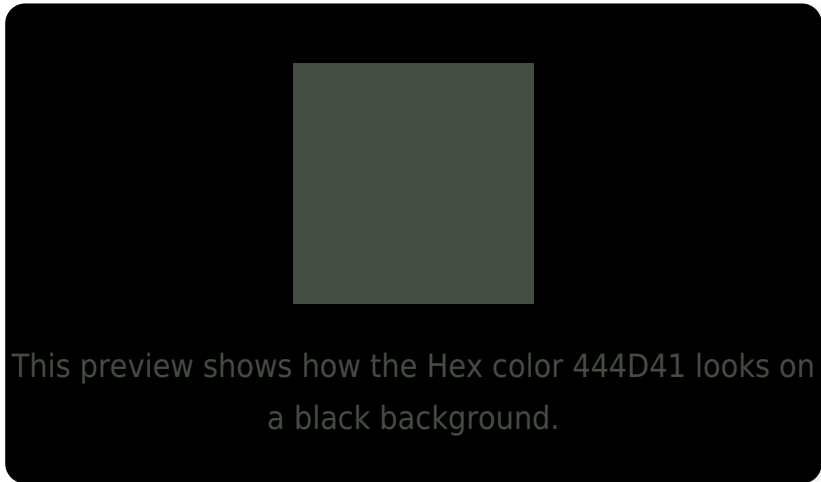
Large Text (above 18pt) WCAG AA ✓ Pass

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

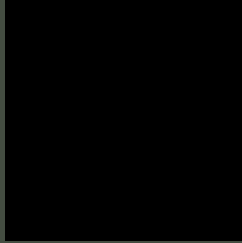
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 444D41 Background



This preview shows how black text looks on a background with the Hex color 444D41.

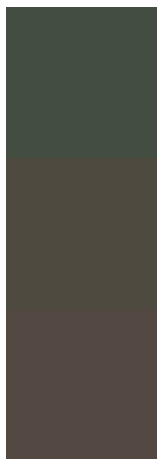


This preview shows how white text looks on a background with the Hex color 444D41.

# 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**

444D41

**Protanopia**

4E4A40

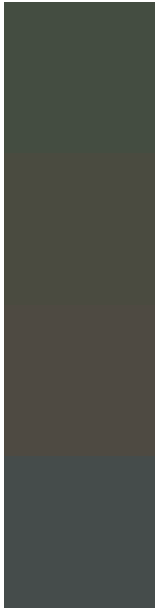
**Deuteranopia**

544842



**Tritanopia**  
464B51

# Trichromacy



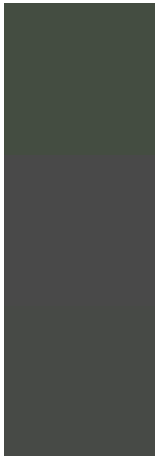
**Original Color**  
444D41

**Protanomaly**  
4A4B40

**Deuteranomaly**  
4E4A42

**Tritanomaly**  
454C4B

# Monochromacy



**Original Color**  
444D41

**Achromatopsia**  
494949

**Achromatomaly**  
474A46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444D41 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 #444D41 looks like.

```
.text, #text, p{  
    color:#444D41  
}
```

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 #444D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444D41
}
```

## Border

The CSS property to change the border of an element to Hex 444D41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

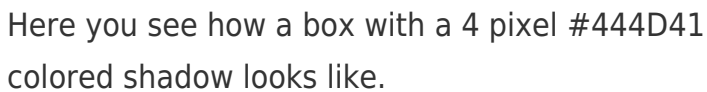
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444D41 }
```

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

```
.border{ border-color:#444D41 }
```

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



Here you see how a box with a 4 pixel #444D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444D41; -webkit-box-shadow:4px 4px  
4px 4px #444D41; box-shadow:4px 4px 4px  
4px #444D41 }
```

# Background

The CSS property to change the background color of an element to Hex 444D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444D41 }
```

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

```
.background{ background-color:#444D41 }
```

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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