

Converting Colors

Hex(404C37)

Have a look what the booklet for
Hex(404C37) contains.

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Color

Hex(404C37)

Conversions

Conversions Part 1

Format	Color
Hex	404C37
RGB	64, 76, 55
RGB Percent	25%, 30%, 22%
CMY	0.7490, 0.7020, 0.7843
CMYK	0.16, 0.00, 0.28, 0.70
HSL	94°, 16%, 26%
HSV	94°, 28%, 30%
XYZ	5.3884, 6.5347, 4.5918
YIQ	70.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

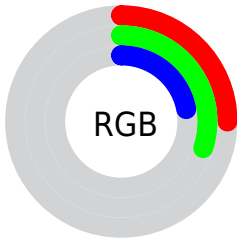
Format	Color
RYB	55, 76, 67
Decimal	4213815
CIELab	30.72, -9.32, 10.94
CIElCh	31, 14.371, 130.410
Yxy	6.5347, 0.3263, 0.3957
Android (android.graphics.Color)	4282403895 (0xFF404C37)
YUV	70.0180, -7.4039, -5.2778
Hunter-Lab	25.5631, -7.1098, 7.2442

Details

The Hex color **404C37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43374C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **707D66**, and **16200C** is the 20% darker color. If you saturate the color by 10%, you get **3C4C2F**, and if you desaturate by 10%, it is **444C3F**.

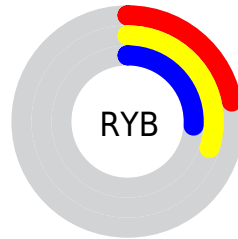
Distribution



Red (25%)

Green (30%)

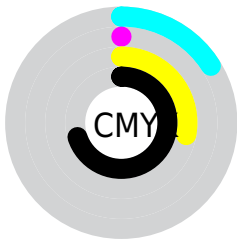
Blue (22%)



Red (22%)

Yellow (30%)

Blue (26%)

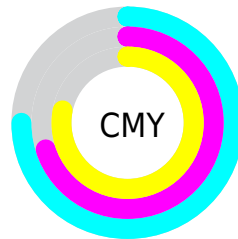


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404C37 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 404C37 by changing the saturation by 10% instead.



404C37



404C37

FFFFFF



2A3521



707D66



16200C



89977F



000500



A4B199



000000



BFCDB4



DBE9CF



F7FFE8



404C37



404C37



3C4C2F



444C3F

■ 374C28

■ 494C46

■ 334C20

■ 4D4C4E

■ 2F4C19

■ 514C55

■ 2A4C11

■ 564C5D

■ 264C09

■ 5A4C65

■ 224C02

■ 5E4C6C

■ 214C00

■ 634C74

■ 674C7B

Harmonies

Analogous

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



4D4932



404C37



334E40

Triad

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



404C37



314C5D



5F4045

Complementary

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



404C37



43374C

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.



5A4150



404C37



40485E

Square

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



404C37



274E56



4F4459



5E423A

Rectangle

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



404C37



2C4F48



4F4459



5E4049

Sweetspot

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



404C37



5F635B



4C4337



30332E



B3B3B3



333333

Same Dimension

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



404C37



516343



374C38



242622



2C6600



62E600

Inverse Universe

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



43374C



554363



4C374B



252226



3A0066



8300E6

Previews

White Background



This preview shows how the Hex color 404C37 looks on a white background.

Color Contrast Check

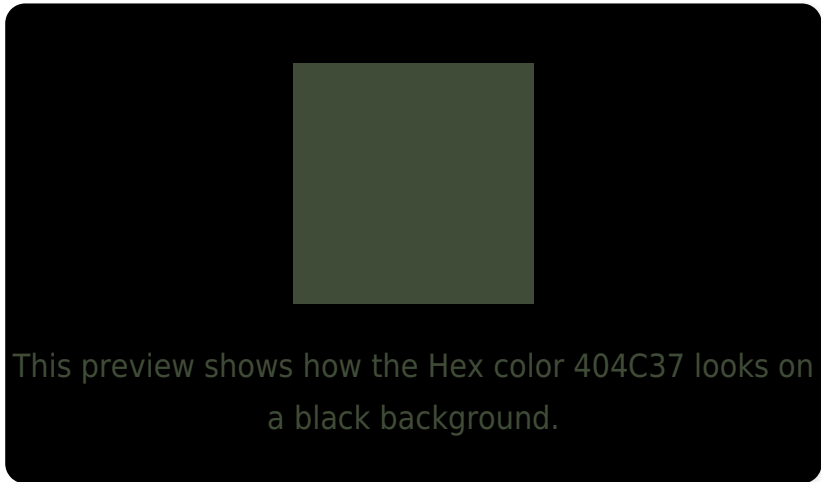
Large Text (above 18pt) WCAG AA ✓ Pass

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

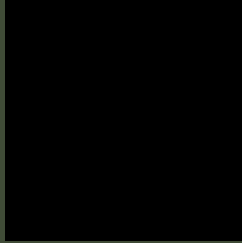
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

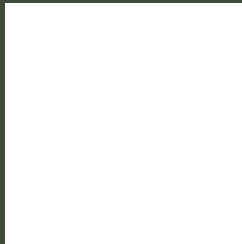
Any Text WCAG AAA × Fail

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

Hex 404C37 Background



This preview shows how black text looks on a background with the Hex color 404C37.



This preview shows how white text looks on a background with the Hex color 404C37.

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
404C37

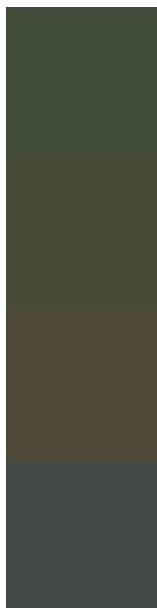
Protanopia
4D4835

Deuteranopia
544538



Tritanopia
44494F

Trichromacy



Original Color

404C37

Protanomaly

484936

Deuteranomaly

4D4838

Tritanomaly

434A46

Monochromacy



Original Color

404C37

Achromatopsia

464646

Achromatomaly

444841

CSS Examples

Text

The CSS property to change the color of the text to Hex 404C37 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 #404C37 looks like.

```
.text, #text, p{  
    color:#404C37  
}
```

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 #404C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404C37
}
```

Border

The CSS property to change the border of an element to Hex 404C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

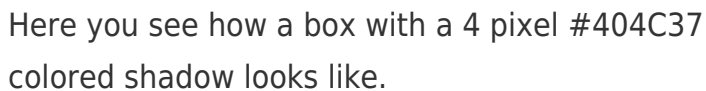
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404C37 }
```

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

```
.border{ border-color:#404C37 }
```

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



Here you see how a box with a 4 pixel #404C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404C37; -webkit-box-shadow:4px 4px  
4px 4px #404C37; box-shadow:4px 4px 4px  
4px #404C37 }
```

Background

The CSS property to change the background color of an element to Hex 404C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404C37 }
```

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

```
.background{ background-color:#404C37 }
```

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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