

Converting Colors

Hex(404B37)

Have a look what the booklet for
Hex(404B37) contains.

Hex(404B37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(404B37)

Conversions

Conversions Part 1

Format	Color
Hex	404B37
RGB	64, 75, 55
RGB Percent	25%, 29%, 22%
CMY	0.7490, 0.7059, 0.7843
CMYK	0.15, 0.00, 0.27, 0.71
HSL	93°, 15%, 25%
HSV	93°, 27%, 29%
XYZ	5.3200, 6.3980, 4.5690
YIQ	69.4310, -0.1360, -8.5520

Conversions

Conversions Part 2

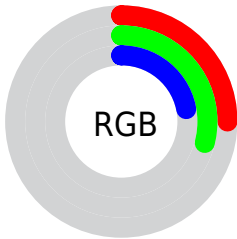
Format	Color
RYB	55, 75, 66
Decimal	4213559
CIELab	30.40, -8.72, 10.49
CIElCh	30, 13.641, 129.721
Yxy	6.3980, 0.3266, 0.3928
Android (android.graphics.Color)	4282403639 (0xFF404B37)
YUV	69.4310, -7.1145, -4.7630
Hunter-Lab	25.2942, -6.7218, 6.9962

Details

The Hex color **404B37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42374B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **707C66**, and **161F0C** is the 20% darker color. If you saturate the color by 10%, you get **3C4B30**, and if you desaturate by 10%, it is **444B3F**.

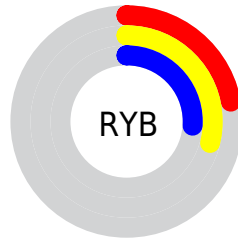
Distribution



Red (25%)

Green (29%)

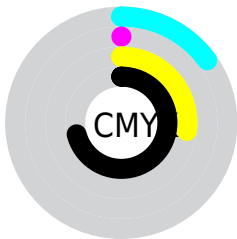
Blue (22%)



Red (22%)

Yellow (29%)

Blue (26%)

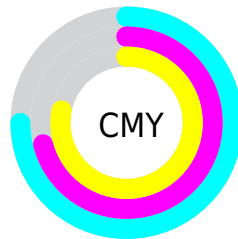


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404B37 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 404B37 by changing the saturation by 10% instead.

■ 404B37

■ 404B37

FFFFFF

■ 2A3422

■ 707C66

■ 161F0C

■ 89967F

■ 000300

■ A4B099

■ 000000

■ BFCCB4

■ DBE8CF

■ F7FFE8

■ 404B37

■ 404B37

■ 3C4B30

■ 444B3F

■ 384B28

■ 484B46

■ 344B20

■ 4C4B4E

■ 2F4B19

■ 514B55

■ 2B4B11

■ 554B5D

■ 274B0A

■ 594B64

■ 234B02

■ 5D4B6C

■ 224B00

■ 614B73

■ 654B7B

Harmonies

Analogous

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



4C4833



404B37



344D40

Triad

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



404B37



314B5B



5D4044

Complementary

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



404B37



42374B

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.



58414F



404B37



3F475C

Square

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



404B37



294D55



4E4458



5C413A

Rectangle

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



404B37



2D4E47



4E4458



5C4048

Sweetspot

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



404B37



5D6159



4B4237



2E302C



B0B0B0



303030

Same Dimension

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



404B37



506142



374B38



242622



2E6600



67E600

Inverse Universe

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



42374B



534261



4B374A



252226



380066



7E00E6

Previews

White Background



This preview shows how the Hex color 404B37 looks on a white background.

Color Contrast Check

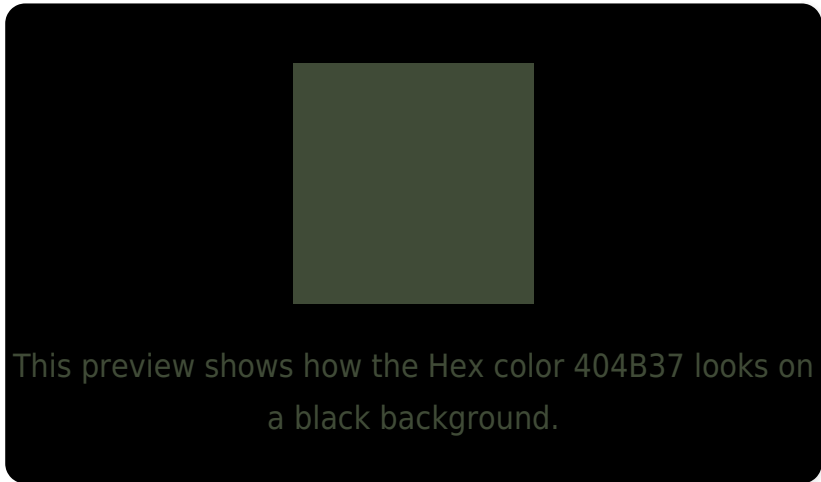
Large Text (above 18pt) WCAG AA ✓ Pass

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

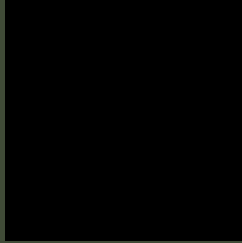
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

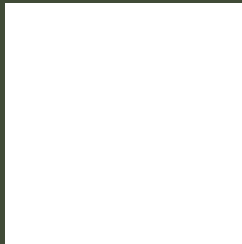
Any Text WCAG AAA × Fail

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

Hex 404B37 Background



This preview shows how black text looks on a background with the Hex color 404B37.



This preview shows how white text looks on a background with the Hex color 404B37.

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
404B37

Protanopia
4D4735

Deuteranopia
534538



Tritanopia
43484E

Trichromacy



Original Color
404B37

Protanomaly
484836

Deuteranomaly
4C4738

Tritanomaly
424946

Monochromacy



Original Color
404B37

Achromatopsia
454545

Achromatomaly
434740

CSS Examples

Text

The CSS property to change the color of the text to Hex 404B37 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 #404B37 looks like.

```
.text, #text, p{  
    color:#404B37  
}
```

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 #404B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404B37
}
```

Border

The CSS property to change the border of an element to Hex 404B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

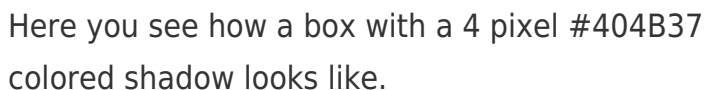
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404B37 }
```

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

```
.border{ border-color:#404B37 }
```

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



Here you see how a box with a 4 pixel #404B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404B37; -webkit-box-shadow:4px 4px  
4px 4px #404B37; box-shadow:4px 4px 4px  
4px #404B37 }
```

Background

The CSS property to change the background color of an element to Hex 404B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404B37 }
```

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

```
.background{ background-color:#404B37 }
```

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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