

Converting Colors

Hex(404737)

Have a look what the booklet for
Hex(404737) contains.

Hex(404737)	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(404737)

Conversions

Conversions Part 1

Format	Color
Hex	404737
RGB	64, 71, 55
RGB Percent	25%, 28%, 22%
CMY	0.7490, 0.7216, 0.7843
CMYK	0.10, 0.00, 0.23, 0.72
HSL	86°, 13%, 25%
HSV	86°, 23%, 28%
XYZ	5.0572, 5.8723, 4.4814
YIQ	67.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

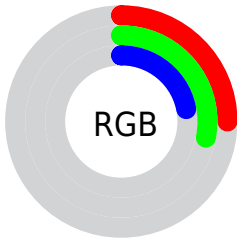
Format	Color
RYB	55, 71, 62
Decimal	4212535
CIELab	29.09, -6.29, 8.69
CIElCh	29, 10.721, 125.895
Yxy	5.8723, 0.3282, 0.3811
Android (android.graphics.Color)	4282402615 (0xFF404737)
YUV	67.0830, -5.9569, -2.7038
Hunter-Lab	24.2328, -5.1561, 5.9985

Details

The Hex color **404737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E3747**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **707766**, and **161C0C** is the 20% darker color. If you saturate the color by 10%, you get **3D4730**, and if you desaturate by 10%, it is **43473E**.

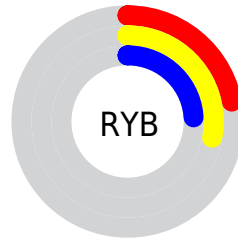
Distribution



Red (25%)

Green (28%)

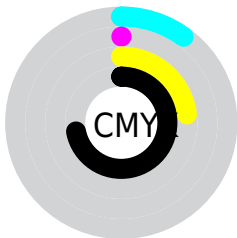
Blue (22%)



Red (22%)

Yellow (28%)

Blue (24%)

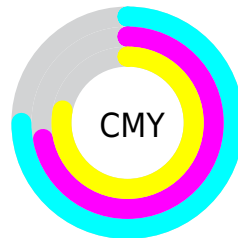


Cyan (10%)

Magenta (0%)

Yellow (23%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404737 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 404737 by changing the saturation by 10% instead.

■ 404737

■ 404737

FFFFFF

■ 2A3122

■ 707766

■ 161C0C

■ 89917F

■ 000000

■ A4AC99

■ BFC7B4

■ DBE3CF

■ F7FFE8

■ 404737

■ 404737

■ 3D4730

■ 43473E

■ 3A4729

■ 464745

■ 374722

■ 49474C

■ 34471B

■ 4C4753

■ 304713

■ 50475B

■ 2D470C

■ 534762

■ 2A4705

■ 564769

■ 284700

■ 594770

■ 5C4777

Harmonies

Analogous

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



494534



404737



37493E

Triad

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



404737



334753



553F43

Complementary

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



404737



3E3747

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.



51404B



404737



3D4555

Square

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



404737



2E494E



484252



55403B

Rectangle

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



404737



324943



484252



543F46

Sweetspot

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



404737



595C55



473E37



2C2E2A



ADADAD



2E2E2E

Same Dimension

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



404737



515C43



384737



222420



386300



80E300

Inverse Universe

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



3E3747



4E435C



463747



222024



2C0063



6300E3

Previews

White Background



This preview shows how the Hex color 404737 looks on a white background.

Color Contrast Check

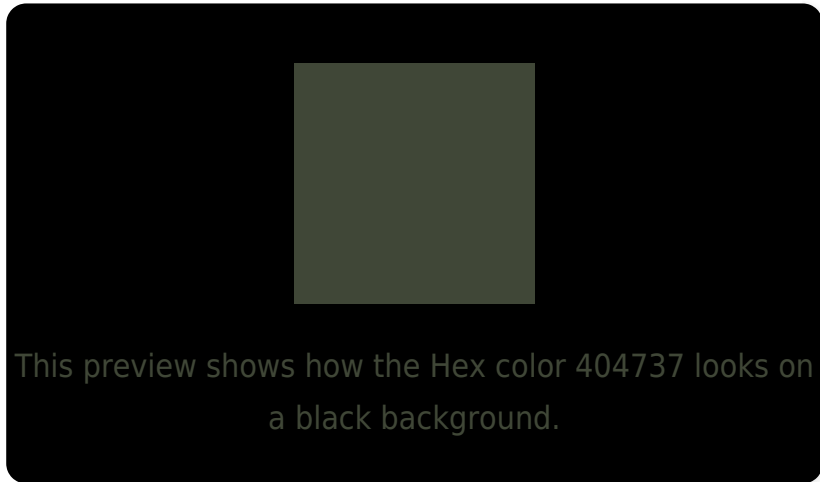
Large Text (above 18pt) WCAG AA ✓ Pass

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

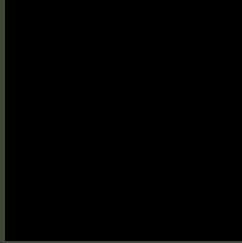
Any Text WCAG AA × Fail

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 404737 Background



This preview shows how black text looks on a background with the Hex color 404737.

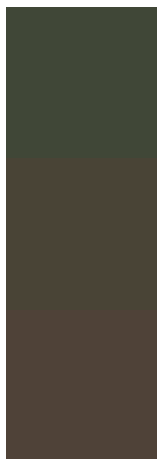


This preview shows how white text looks on a background with the Hex color 404737.

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

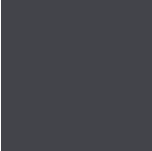
404737

Protanopia

494436

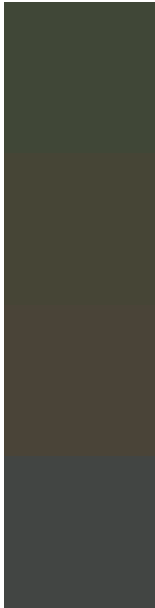
Deuteranopia

4F4238



Tritanopia
43444A

Trichromacy



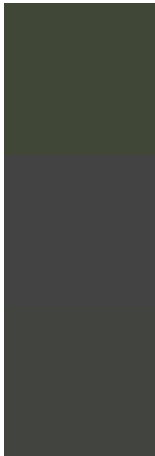
Original Color
404737

Protanomaly
464536

Deuteranomaly
4A4438

Tritanomaly
424543

Monochromacy



Original Color
404737

Achromatopsia
434343

Achromatomaly
42443F

CSS Examples

Text

The CSS property to change the color of the text to Hex 404737 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 #404737 looks like.

```
.text, #text, p{  
    color:#404737  
}
```

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 #404737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404737  
}
```

Border

The CSS property to change the border of an element to Hex 404737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

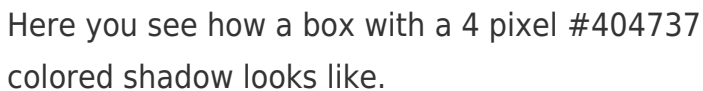
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#404737 }
```

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

```
.border{ border-color:#404737 }
```

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



Here you see how a box with a 4 pixel #404737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404737; -webkit-box-shadow:4px 4px  
4px 4px #404737; box-shadow:4px 4px 4px  
4px #404737 }
```

Background

The CSS property to change the background color of an element to Hex 404737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404737 }
```

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

```
.background{ background-color:#404737 }
```

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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