

# Converting Colors

Hex(404C31)

Have a look what the booklet for  
Hex(404C31) contains.

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# Color

**Hex(404C31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	404C31
RGB	64, 76, 49
RGB Percent	25%, 30%, 19%
CMY	0.7490, 0.7020, 0.8078
CMYK	0.16, 0.00, 0.36, 0.70
HSL	87°, 22%, 25%
HSV	87°, 36%, 30%
XYZ	5.2532, 6.4806, 3.8797
YIQ	69.3340, 1.5150, -10.9410

# Conversions

## Conversions Part 2

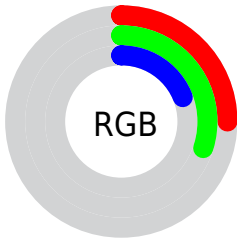
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 76, 61
Decimal	4213809
CIE Lab	30.59, -10.38, 14.52
CIE LCh	31, 17.849, 125.554
Yxy	6.4806, 0.3364, 0.4151
Android (android.graphics.Color)	4282403889 (0xFF404C31)
YUV	69.3340, -10.0247, -4.6779
Hunter-Lab	25.4571, -7.7157, 8.7839

# Details

The Hex color **404C31** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3D314C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **707D5F**, and **162003** is the 20% darker color. If you saturate the color by 10%, you get **3D4C29**, and if you desaturate by 10%, it is **434C39**.

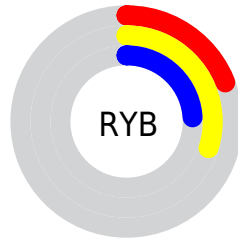
# Distribution



Red (25%)

Green (30%)

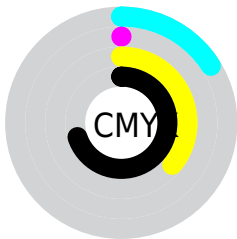
Blue (19%)



Red (19%)

Yellow (30%)

Blue (24%)

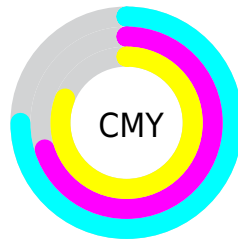


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 404C31 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 404C31 by changing the saturation by 10% instead.





404C31



404C31

FFFFFF



2A351C



707D5F



162003



8A9778



000400



A4B192



000000



BFCDAD



DBE9C8



F8FFE4



404C31



404C31



3D4C29



434C39

■ 394C22

■ 474C40

■ 364C1A

■ 4A4C48

■ 324C13

■ 4E4C4F

■ 2F4C0B

■ 514C57

■ 2C4C03

■ 544C5F

■ 2A4C00

■ 584C66

■ 5B4C6E

■ 5E4C75

# Harmonies

## Analogous

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



4F482C



404C31



304F3C

# Triad

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



404C31



244D61



633D46

# Complementary

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



404C31



3D314C

# 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.



5C3F54



404C31



394864

# Square

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



404C31



184F58



4D445F



623F39

# Rectangle

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



404C31



254F45



4D445F



623E4B



# Sweetspot

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



404C31



5F6359



4C3D31



30332C



B3B3B3



333333



# Same Dimension

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



404C31



506339



334C31



252622



396600



7FE600



# Inverse Universe

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



3D314C



4C3963



4A314C



242226



2D0066



6600E6



# Previews

## White Background



This preview shows how the Hex color 404C31 looks on a white background.

## Color Contrast Check

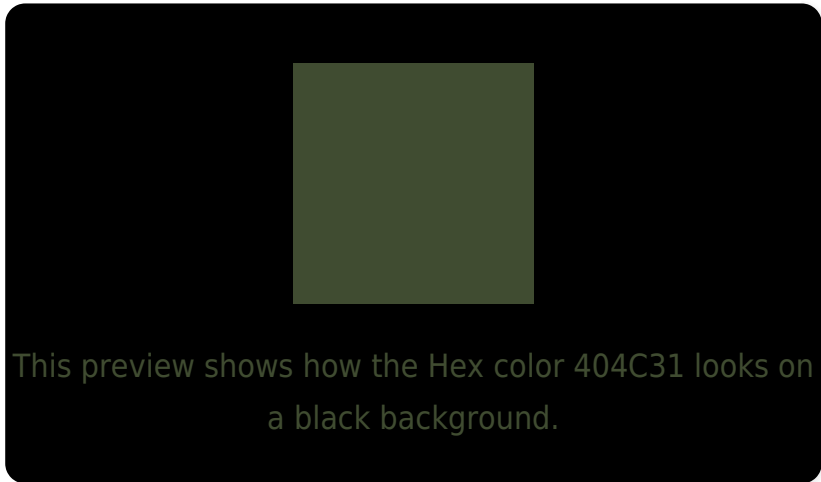
Large Text (above 18pt) WCAG AA ✓ Pass

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

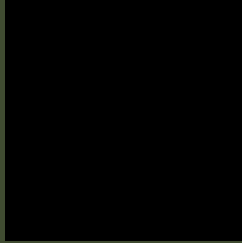
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

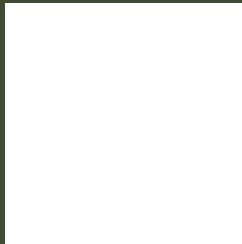
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 404C31 Background



This preview shows how black text looks on a background with the Hex color 404C31.



This preview shows how white text looks on a background with the Hex color 404C31.

# 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**  
404C31

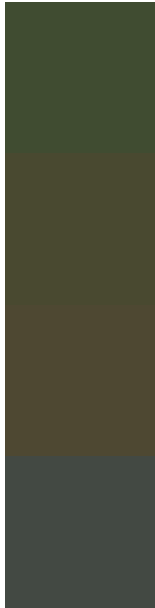
**Protanopia**  
4E482F

**Deuteranopia**  
564533



**Tritanopia**  
44484E

# Trichromacy



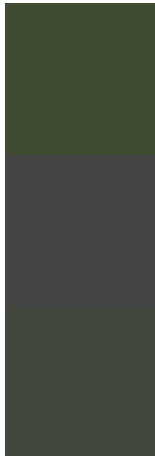
**Original Color**  
404C31

**Protanomaly**  
494930

**Deuteranomaly**  
4E4832

**Tritanomaly**  
434943

# Monochromacy



**Original Color**  
404C31

**Achromatopsia**  
454545

**Achromatomaly**  
43483E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 404C31 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 #404C31 looks like.

```
.text, #text, p{  
    color:#404C31  
}
```

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 #404C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404C31
}
```

## Border

The CSS property to change the border of an element to Hex 404C31 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
#404C31 }
```

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

```
.border{ border-color:#404C31 }
```

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

Here you see how a box with a 4 pixel #404C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404C31; -webkit-box-shadow:4px 4px  
4px 4px #404C31; box-shadow:4px 4px 4px  
4px #404C31 }
```

# Background

The CSS property to change the background color of an element to Hex 404C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404C31 }
```

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

```
.background{ background-color:#404C31 }
```

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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