

Converting Colors

Hex(404F33)

Have a look what the booklet for
Hex(404F33) contains.

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Color

Hex(404F33)

Conversions

Conversions Part 1

Format	Color
Hex	404F33
RGB	64, 79, 51
RGB Percent	25%, 31%, 20%
CMY	0.7490, 0.6902, 0.8000
CMYK	0.19, 0.00, 0.35, 0.69
HSL	92°, 22%, 25%
HSV	92°, 35%, 31%
XYZ	5.5079, 6.9210, 4.1776
YIQ	71.3230, 0.0480, -11.8880

Conversions

Conversions Part 2

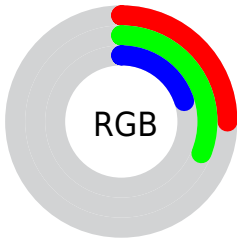
Format	Color
RYB	51, 79, 66
Decimal	4214579
CIELab	31.63, -11.80, 14.66
CIELCh	32, 18.817, 128.830
Yxy	6.9210, 0.3317, 0.4168
Android (android.graphics.Color)	4282404659 (0xFF404F33)
YUV	71.3230, -10.0192, -6.4223
Hunter-Lab	26.3077, -8.6672, 9.0004

Details

The Hex color **404F33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **42334F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **708062**, and **162206** is the 20% darker color. If you saturate the color by 10%, you get **3C4F2B**, and if you desaturate by 10%, it is **444F3B**.

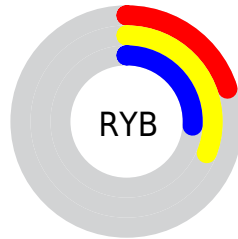
Distribution



Red (25%)

Green (31%)

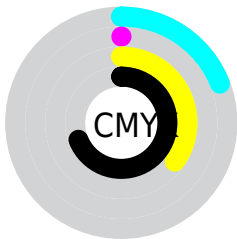
Blue (20%)



Red (20%)

Yellow (31%)

Blue (26%)

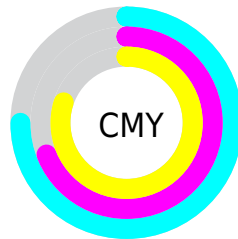


Cyan (19%)

Magenta (0%)

Yellow (35%)

Black (69%)



Cyan (75%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404F33 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 404F33 by changing the saturation by 10% instead.

 404F33

 404F33

FFFFFF

 2A381E


 708062

 162206

 8A9A7B

 000B00

 A4B594

 000000

 BFD1AF

 DBEDCB

 F8FFE7

 404F33

 404F33

 3C4F2B

 444F3B

■ 384F23

■ 484F43

■ 334F1B

■ 4D4F4B

■ 2F4F13

■ 514F53

■ 2B4F0C

■ 554F5B

■ 274F04

■ 594F62

■ 254F00

■ 5E4F6A

■ 624F72

■ 664F7A

Harmonies

Analogous

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



504B2D



404F33



2E523F

Triad

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



404F33



264F66



673F47

Complementary

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



404F33



42334F

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.



614155



404F33



3D4A67

Square

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



404F33



16525C



524561



664139

Rectangle

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



404F33



225249



524561



663F4C

Sweetspot

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



404F33



60665B



4F4233



2F332C



B3B3B3



333333

Same Dimension

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



404F33



4F663A



334F34



242622



2F6600



6BE600

Inverse Universe

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



42334F



523A66



4F334E



242226



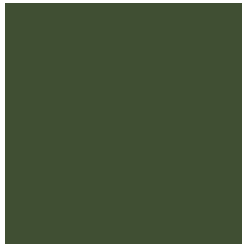
370066



7B00E6

Previews

White Background



This preview shows how the Hex color 404F33 looks on a white background.

Color Contrast Check

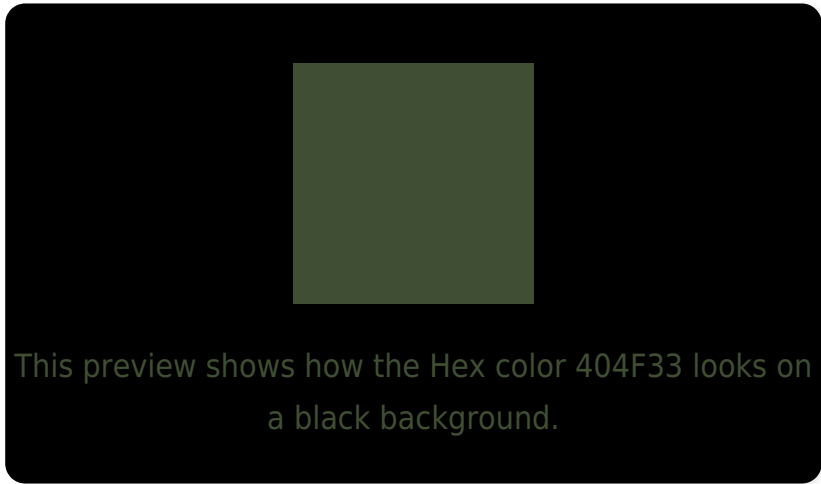
Large Text (above 18pt) WCAG AA ✓ Pass

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

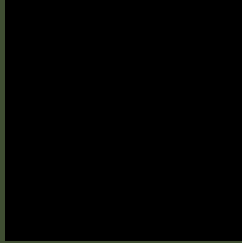
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

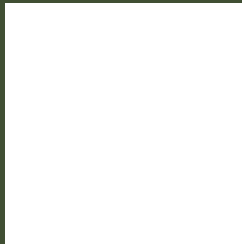
Any Text WCAG AAA × Fail

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

Hex 404F33 Background



This preview shows how black text looks on a background with the Hex color 404F33.



This preview shows how white text looks on a background with the Hex color 404F33.

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
404F33

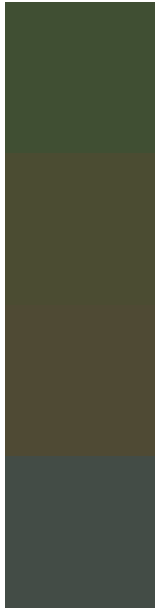
Protanopia
514A31

Deuteranopia
584735



Tritanopia
444B51

Trichromacy



Original Color
404F33

Protanomaly
4B4C32

Deuteranomaly
4F4A34

Tritanomaly
434C46

Monochromacy



Original Color
404F33

Achromatopsia
474747

Achromatomaly
444A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 404F33 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 #404F33 looks like.

```
.text, #text, p{  
    color:#404F33  
}
```

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 #404F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404F33
}
```

Border

The CSS property to change the border of an element to Hex 404F33 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
#404F33 }
```

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

```
.border{ border-color:#404F33 }
```

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

Here you see how a box with a 4 pixel #404F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404F33; -webkit-box-shadow:4px 4px  
4px 4px #404F33; box-shadow:4px 4px 4px  
4px #404F33 }
```

Background

The CSS property to change the background color of an element to Hex 404F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404F33 }
```

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

```
.background{ background-color:#404F33 }
```

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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