

Converting Colors

Hex(405D3C)

Have a look what the booklet for
Hex(405D3C) contains.

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Color

Hex(405D3C)

Conversions

Conversions Part 1

Format	Color
Hex	405D3C
RGB	64, 93, 60
RGB Percent	25%, 36%, 24%
CMY	0.7490, 0.6353, 0.7647
CMYK	0.31, 0.00, 0.35, 0.64
HSL	113°, 22%, 30%
HSV	113°, 35%, 36%
XYZ	6.8443, 9.2449, 5.6987
YIQ	80.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

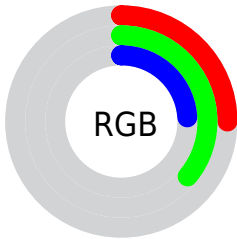
Format	Color
RYB	60, 93, 89
Decimal	4218172
CIELab	36.45, -18.07, 15.62
CIELCh	36, 23.885, 139.150
Yxy	9.2449, 0.3141, 0.4243
Android (android.graphics.Color)	4282408252 (0xFF405D3C)
YUV	80.5670, -10.1395, -14.5293
Hunter-Lab	30.4055, -13.0290, 10.1715

Details

The Hex color **405D3C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **593C5D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **718F6C**, and **132F11** is the 20% darker color. If you saturate the color by 10%, you get **385D33**, and if you desaturate by 10%, it is **485D45**.

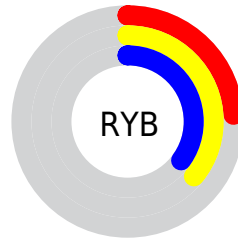
Distribution



Red (25%)

Green (36%)

Blue (24%)



Red (24%)

Yellow (36%)

Blue (35%)

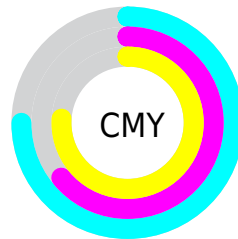


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405D3C 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 405D3C by changing the saturation by 10% instead.

 405D3C

 405D3C

FFFFFF

 294526

 718F6C

 132F11

 8BAA85

 001B00

 A5C59F

 000000

 C0E1BA

 DCFED6

 F9FFF2

 405D3C

 405D3C

 385D33

 485D45

■ 305D29

■ 505D4F

■ 275D20

■ 595D58

■ 1F5D17

■ 615D61

■ 175D0E

■ 695D6B

■ 0F5D04

■ 715D74

■ 0B5D00

■ 795D7D

■ 815D86

■ 8A5D90

Harmonies

Analogous

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



565831



405D3C



26604E

Triad

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



405D3C



2D5A7B



7B474A

Complementary

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



405D3C



593C5D

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.



76475E



405D3C



4E537A

Square

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



405D3C



035E72



674C6F



764C3A

Rectangle

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



405D3C



11605B



674C6F



7B4751

Sweetspot

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



405D3C



6C786B



5D593C



363D35



BDBDBD



3D3D3D

Same Dimension

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



405D3C



4B7844



3C5D48



2A2E29



0D6E00



1DED00

Inverse Universe

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



593C5D



724478



5D3C51



2D292E



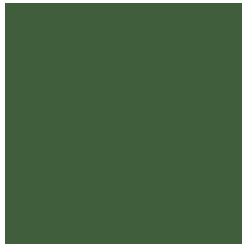
60006E



D000ED

Previews

White Background



This preview shows how the Hex color 405D3C looks on a white background.

Color Contrast Check

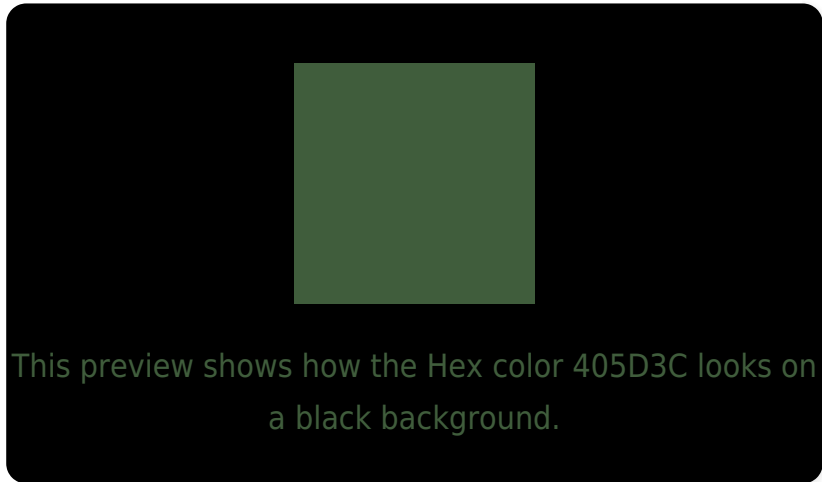
Large Text (above 18pt) WCAG AA ✓ Pass

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

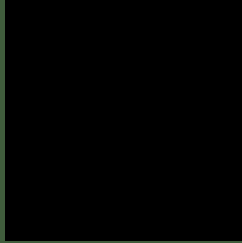
Any Text WCAG AA × Fail

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 405D3C Background



This preview shows how black text looks on a background with the Hex color 405D3C.



This preview shows how white text looks on a background with the Hex color 405D3C.

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](#).

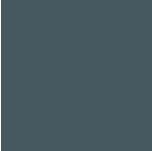
Dichromacy



Original Color
405D3C

Protanopia
5D5539

Deuteranopia
65523E



Tritanopia
465960

Trichromacy



Original Color
405D3C

Protanomaly
52583A

Deuteranomaly
58563D

Tritanomaly
445A53

Monochromacy



Original Color
405D3C

Achromatopsia
515151

Achromatomaly
4B5549

CSS Examples

Text

The CSS property to change the color of the text to Hex 405D3C 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 #405D3C looks like.

```
.text, #text, p{  
    color:#405D3C  
}
```

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 #405D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405D3C
}
```

Border

The CSS property to change the border of an element to Hex 405D3C 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".

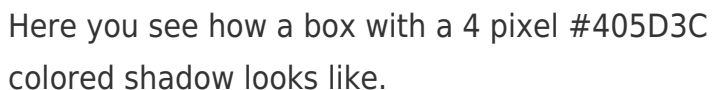
```
.border, #border, table{ border:4px solid
#405D3C }
```

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

```
.border{ border-color:#405D3C }
```

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

Here you see how a box with a 4 pixel #405D3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405D3C; -webkit-box-shadow:4px 4px  
4px 4px #405D3C; box-shadow:4px 4px 4px  
4px #405D3C }
```

Background

The CSS property to change the background color of an element to Hex 405D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405D3C }
```

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

```
.background{ background-color:#405D3C }
```

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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