

Converting Colors

Hex(405A33)

Have a look what the booklet for
Hex(405A33) contains.

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Color

Hex(405A33)

Conversions

Conversions Part 1

Format	Color
Hex	405A33
RGB	64, 90, 51
RGB Percent	25%, 35%, 20%
CMY	0.7490, 0.6471, 0.8000
CMYK	0.29, 0.00, 0.43, 0.65
HSL	100°, 28%, 28%
HSV	100°, 43%, 35%
XYZ	6.3681, 8.6413, 4.4643
YIQ	77.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

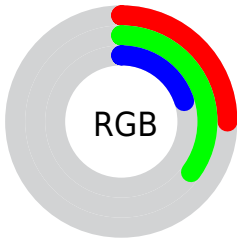
Format	Color
RYB	51, 90, 77
Decimal	4217395
CIELab	35.28, -17.98, 19.46
CIELCh	35, 26.490, 132.736
Yxy	8.6413, 0.3270, 0.4437
Android (android.graphics.Color)	4282407475 (0xFF405A33)
YUV	77.7800, -13.2025, -12.0851
Hunter-Lab	29.3961, -12.7750, 11.5732

Details

The Hex color **405A33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D335A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **718C62**, and **142C06** is the 20% darker color. If you saturate the color by 10%, you get **3A5A2A**, and if you desaturate by 10%, it is **465A3C**.

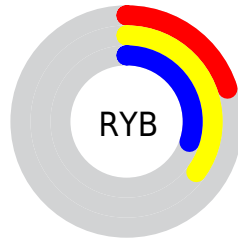
Distribution



 Red (25%)

 Green (35%)

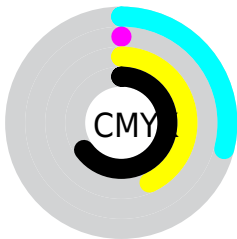
 Blue (20%)




 Red (20%)

 Yellow (35%)

 Blue (30%)

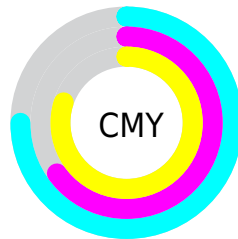


 Cyan (29%)

 Magenta (0%)

 Yellow (43%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405A33 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 405A33 by changing the saturation by 10% instead.

 405A33

 405A33

FFFFFF

 29421D

 718C62

 142C06

 8BA77B

 001900

 A5C295

 000000

 C1DEB0

 DDFACB

 F9FFE7

 405A33

 405A33

 3A5A2A

 465A3C

■ 345A21

■ 4C5A45

■ 2E5A18

■ 525A4E

■ 285A0F

■ 585A57

■ 225A06

■ 5E5A60

■ 1E5A00

■ 645A69

■ 6A5A72

■ 705A7B

■ 765A84

Harmonies

Analogous

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



575529



405A33



235D46

Triad

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



405A33



12597B



7B424B

Complementary

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



405A33



4D335A

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.



744460



405A33



42527C

Square

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



405A33



005D6F



614A72



784637

Rectangle

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



405A33



005E54



614A72



7A4252

Sweetspot

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



405A33



6B7566



5A4D33



343B31



BABABA



3B3B3B

Same Dimension

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



405A33



4D7538



335A3A



2B2E29



256E00



4FED00

Inverse Universe

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



4D335A



613875



5A3353



2C292E



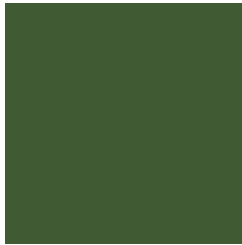
49006E



9E00ED

Previews

White Background



This preview shows how the Hex color 405A33 looks on a white background.

Color Contrast Check

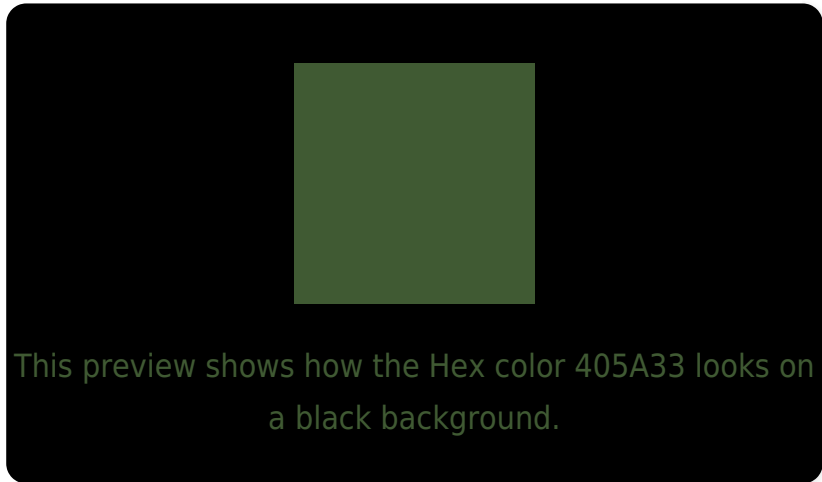
Large Text (above 18pt) WCAG AA ✓ Pass

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

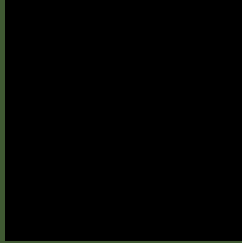
Any Text WCAG AA × Fail

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 405A33 Background



This preview shows how black text looks on a background with the Hex color 405A33.



This preview shows how white text looks on a background with the Hex color 405A33.

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](#).

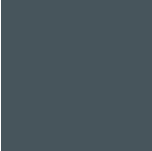
Dichromacy



Original Color
405A33

Protanopia
5B5330

Deuteranopia
644F36



Tritanopia
47555C

Trichromacy



Original Color
405A33

Protanomaly
515631

Deuteranomaly
575335

Tritanomaly
44574D

Monochromacy



Original Color
405A33

Achromatopsia
4E4E4E

Achromatomaly
495244

CSS Examples

Text

The CSS property to change the color of the text to Hex 405A33 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 #405A33 looks like.

```
.text, #text, p{  
    color:#405A33  
}
```

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 #405A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405A33
}
```

Border

The CSS property to change the border of an element to Hex 405A33 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
#405A33 }
```

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

```
.border{ border-color:#405A33 }
```

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

Here you see how a box with a 4 pixel #405A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405A33; -webkit-box-shadow:4px 4px  
4px 4px #405A33; box-shadow:4px 4px 4px  
4px #405A33 }
```

Background

The CSS property to change the background color of an element to Hex 405A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405A33 }
```

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

```
.background{ background-color:#405A33 }
```

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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