

Converting Colors

Hex(403125)

Have a look what the booklet for
Hex(403125) contains.

Hex(403125)	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(403125)

Conversions

Conversions Part 1

Format	Color
Hex	403125
RGB	64, 49, 37
RGB Percent	25%, 19%, 15%
CMY	0.7490, 0.8078, 0.8549
CMYK	0.00, 0.23, 0.42, 0.75
HSL	27°, 27%, 20%
HSV	27°, 42%, 25%
XYZ	3.5466, 3.4202, 2.2235
YIQ	52.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

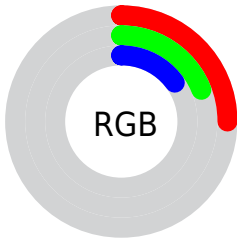
Format	Color
RYB	64, 59, 37
Decimal	4206885
CIELab	21.65, 4.78, 10.25
CIELCh	22, 11.313, 65.003
Yxy	3.4202, 0.3859, 0.3722
Android (android.graphics.Color)	4282396965 (0xFF403125)
YUV	52.1170, -7.4527, 10.4214
Hunter-Lab	18.4937, 1.8674, 5.8172

Details

The Hex color **403125** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **253440**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **715F52**, and **130200** is the 20% darker color. If you saturate the color by 10%, you get **402D1F**, and if you desaturate by 10%, it is **40352B**.

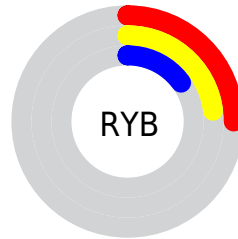
Distribution



Red (25%)

Green (19%)

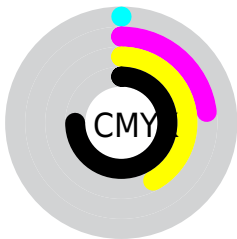
Blue (15%)



Red (25%)

Yellow (23%)

Blue (15%)

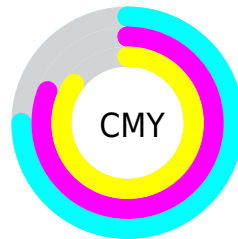


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403125 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 403125 by changing the saturation by 10% instead.



403125



403125

FFFFFF



2A1C10



715F52



130200



8A786A



000000



A59183



C0AC9D



DCC7B8



F9E3D4



FFFFFF0



403125



403125

■ 402D1F

■ 40352B

■ 402A18

■ 403832

■ 402612

■ 403C38

■ 40230B

■ 403F3F

■ 401F05

■ 404345

■ 401C00

■ 40464B

■ 404A52

■ 404D58

■ 40515F

Harmonies

Analogous

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



442F2B



403125



393423

Triad

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



403125



1E3935



373142

Complementary

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



403125



253440

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.



2C3444



403125



1B383D

Square

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



403125



26382D



213743



402F3B

Rectangle

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



403125



333625



213743



333243

Sweetspot

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



403125



544E49



402534



2B2724



ABABAB



2B2B2B

Same Dimension

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



403125



543C29



403E25



211F1E



612B00



E06400

Inverse Universe

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



253440



294154



252740



1E2021



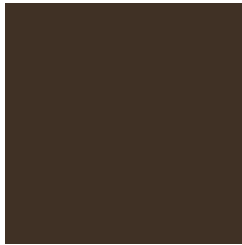
003661



007DE0

Previews

White Background



This preview shows how the Hex color 403125 looks on a white background.

Color Contrast Check

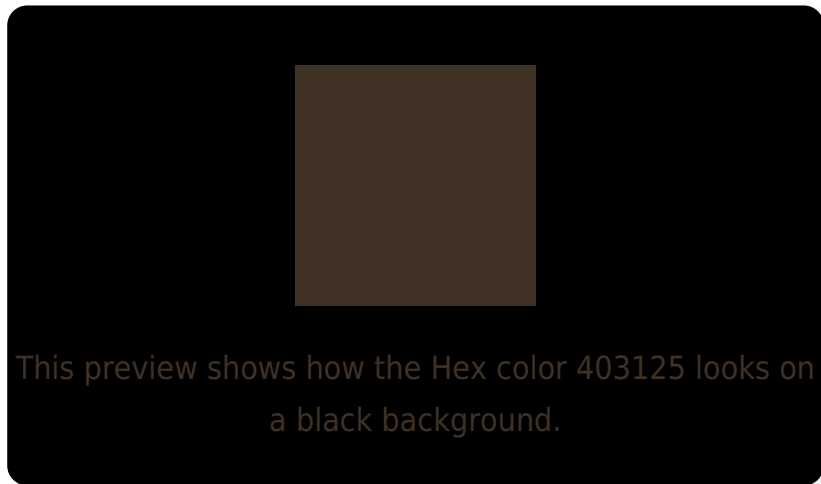
Large Text (above 18pt) WCAG AA ✓ Pass

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

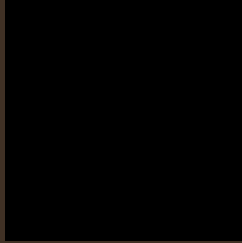
Any Text WCAG AA × Fail

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 403125 Background



This preview shows how black text looks on a background with the Hex color 403125.

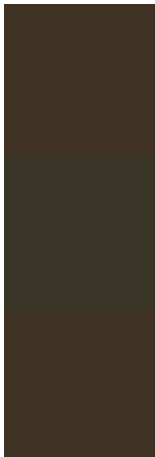


This preview shows how white text looks on a background with the Hex color 403125.

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
403125

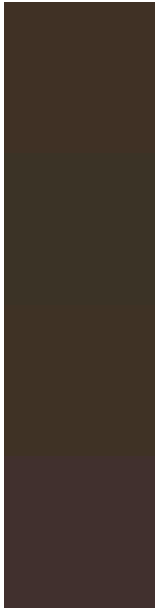
Protanopia
383426

Deuteranopia
3E3225



Tritanopia
412F33

Trichromacy



Original Color
403125

Protanomaly
3B3326

Deuteranomaly
3F3225

Tritanomaly
41302E

Monochromacy



Original Color
403125

Achromatopsia
343434

Achromatomaly
38332F

CSS Examples

Text

The CSS property to change the color of the text to Hex 403125 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 #403125 looks like.

```
.text, #text, p{  
    color:#403125  
}
```

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 #403125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403125
}
```

Border

The CSS property to change the border of an element to Hex 403125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

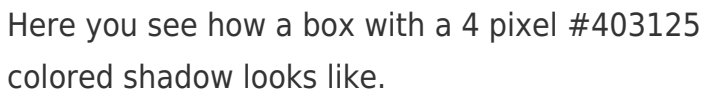
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403125 }
```

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

```
.border{ border-color:#403125 }
```

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



Here you see how a box with a 4 pixel #403125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403125; -webkit-box-shadow:4px 4px  
4px 4px #403125; box-shadow:4px 4px 4px  
4px #403125 }
```

Background

The CSS property to change the background color of an element to Hex 403125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403125 }
```

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

```
.background{ background-color:#403125 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor