

# Converting Colors

Hex(403B0A)

Have a look what the booklet for  
Hex(403B0A) contains.

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**Color**

**Hex(403B0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	403B0A
RGB	64, 59, 10
RGB Percent	25%, 23%, 4%
CMY	0.7490, 0.7686, 0.9608
CMYK	0.00, 0.08, 0.84, 0.75
HSL	54°, 73%, 15%
HSV	54°, 84%, 25%
XYZ	3.7331, 4.2398, 0.9088
YIQ	54.9090, 18.7090, -14.1790

# Conversions

## Conversions Part 2

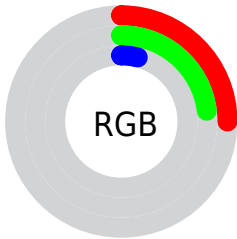
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 64, 10
Decimal	4209418
CIELab	24.45, -4.39, 29.15
CIELCh	24, 29.483, 98.561
Yxy	4.2398, 0.4203, 0.4774
Android (android.graphics.Color)	4282399498 (0xFF403B0A)
YUV	54.9090, -22.1401, 7.9728
Hunter-Lab	20.5909, -3.6721, 11.7968

# Details

The Hex color **403B0A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0F40**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **726A38**, and **0D1100** is the 20% darker color. If you saturate the color by 10%, you get **403A04**, and if you desaturate by 10%, it is **403C10**.

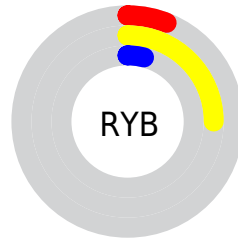
# Distribution



Red (25%)

Green (23%)

Blue (4%)



Red (6%)

Yellow (25%)

Blue (4%)

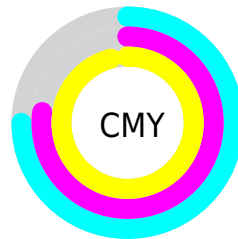


Cyan (0%)

Magenta (8%)

Yellow (84%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403B0A 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 403B0A by changing the saturation by 10% instead.



 403B0A

 403B0A

 FFFFEF

 292500

 726A38

 0D1100

 8C834F

 000000

 A79D68

 C3B881

 DFD49C

 FCF0B7

 FFFFD2

 403B0A

 403B0A

■ 403A04

■ 403C10

■ 403A00

■ 403C17

■ 403D1D

■ 403D24

■ 403E2A

■ 403F30

■ 403F37

■ 40403D

■ 404044

# Harmonies

## Analogous

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



53330F



403B0A



284115

# Triad

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



403B0A



004455



5A294B

# Complementary

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



403B0A



0A0F40

# 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.



44325D



403B0A



004163

# Square

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



403B0A



004540



193A66



632635

# Rectangle

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



403B0A



114322



193A66



542B52



# Sweetspot

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



403B0A



54523F



400A0F



2B2A1E



ABABAB



2B2B2B



# Same Dimension

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



403B0A



544C00



2A400A



21211E



615800



E0CC00



# Inverse Universe

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



0A0F40



000854



200A40



1E1E21



000961

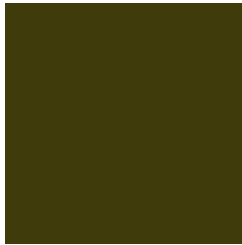


0015E0



# Previews

## White Background



This preview shows how the Hex color 403B0A looks on a white background.

## Color Contrast Check

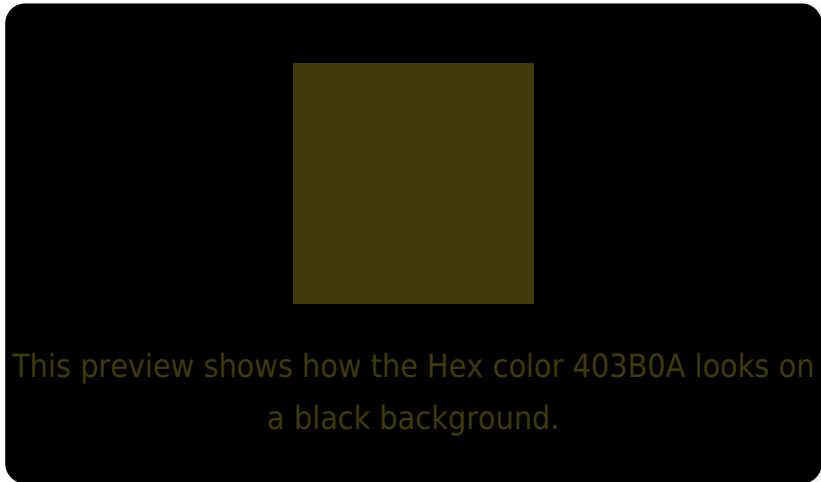
Large Text (above 18pt) WCAG AA ✓ Pass

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

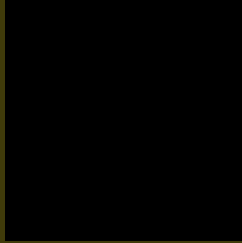
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 403B0A Background



This preview shows how black text looks on a background with the Hex color 403B0A.



This preview shows how white text looks on a background with the Hex color 403B0A.

# 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**  
403B0A

**Protanopia**  
423A0A

**Deuteranopia**  
49370C



**Tritanopia**  
43373B

# Trichromacy



**Original Color**  
403B0A

**Protanomaly**  
413A0A

**Deuteranomaly**  
46380B

**Tritanomaly**  
423829

# Monochromacy



**Original Color**  
403B0A

**Achromatopsia**  
373737

**Achromatomaly**  
3A3827

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403B0A 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 #403B0A looks like.

```
.text, #text, p{  
    color:#403B0A  
}
```

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 #403B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403B0A
}
```

## Border

The CSS property to change the border of an element to Hex 403B0A 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
#403B0A }
```

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

```
.border{ border-color:#403B0A }
```

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

Here you see how a box with a 4 pixel #403B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403B0A; -webkit-box-shadow:4px 4px  
4px 4px #403B0A; box-shadow:4px 4px 4px  
4px #403B0A }
```

# Background

The CSS property to change the background color of an element to Hex 403B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403B0A }
```

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

```
.background{ background-color:#403B0A }
```

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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