

# Converting Colors

Hex(403924)

Have a look what the booklet for  
Hex(403924) contains.

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# Color

**Hex(403924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	403924
RGB	64, 57, 36
RGB Percent	25%, 22%, 14%
CMY	0.7490, 0.7765, 0.8588
CMYK	0.00, 0.11, 0.44, 0.75
HSL	45°, 28%, 20%
HSV	45°, 44%, 25%
XYZ	3.8959, 4.1436, 2.2635
YIQ	56.6990, 10.9130, -5.0470

# Conversions

## Conversions Part 2

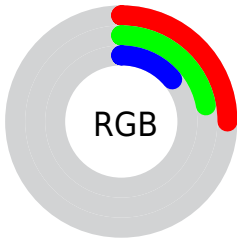
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 64, 36
Decimal	4208932
CIELab	24.14, -0.62, 14.22
CIELCh	24, 14.229, 92.514
Yxy	4.1436, 0.3781, 0.4022
Android (android.graphics.Color)	4282399012 (0xFF403924)
YUV	56.6990, -10.2046, 6.4030
Hunter-Lab	20.3559, -1.4596, 7.6562

# Details

The Hex color **403924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242B40**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **706851**, and **130E00** is the 20% darker color. If you saturate the color by 10%, you get **40371E**, and if you desaturate by 10%, it is **403B2A**.

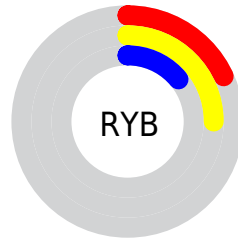
# Distribution



Red (25%)

Green (22%)

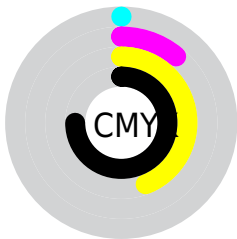
Blue (14%)



Red (18%)

Yellow (25%)

Blue (14%)

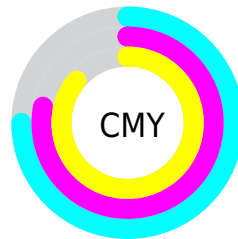


Cyan (0%)

Magenta (11%)

Yellow (44%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403924 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 403924 by changing the saturation by 10% instead.





403924



403924

FFFFFF



2A240F



706851



130E00



8A8169



000000



A59B82



C0B69C



DCD1B7



F8EED3



FFFFEF



403924



403924

■ 40371E

■ 403B2A

■ 403617

■ 403C31

■ 403411

■ 403E37

■ 40330A

■ 403F3E

■ 403104

■ 404144

■ 403000

■ 40434A

■ 404451

■ 404657

■ 40475E

# Harmonies

## Analogous

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



493527



403924



353C27

# Triad

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



403924



173F44



483343

# Complementary

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



403924



242B40

# 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.



3C364B



403924



1E3D4C

# Square

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



403924



1C3F3A



2D3A4F



4E3139

# Rectangle

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



403924



2C3E2C



2D3A4F



443446



# Sweetspot

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



403924



545149



40242B



2B2A24



ABABAB



2B2B2B



# Same Dimension

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



403924



544928



394024



21201E



614900



E0A800



# Inverse Universe

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



242B40



283354



2B2440



1E1F21



001861



0038E0



# Previews

## White Background



This preview shows how the Hex color 403924 looks on a white background.

## Color Contrast Check

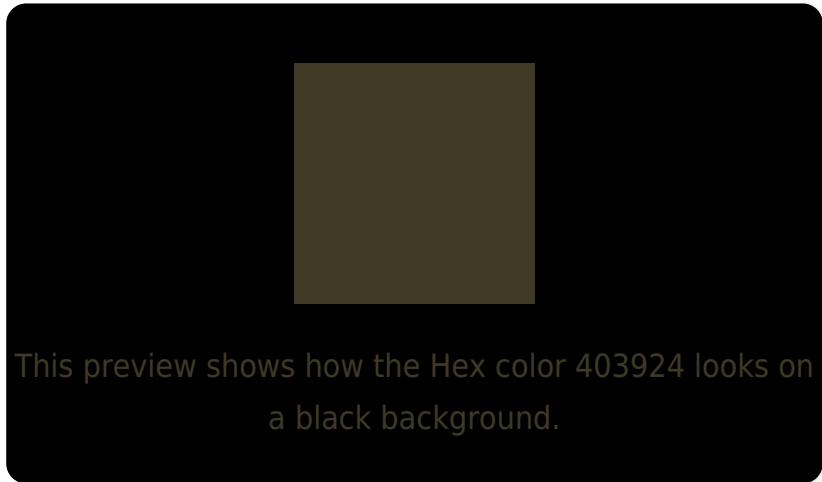
Large Text (above 18pt) WCAG AA ✓ Pass

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

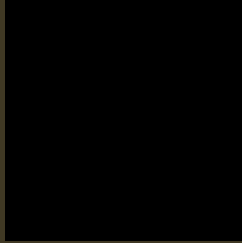
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

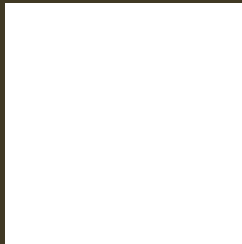
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 403924 Background



This preview shows how black text looks on a background with the Hex color 403924.

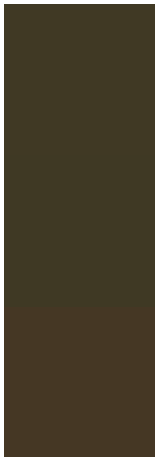


This preview shows how white text looks on a background with the Hex color 403924.

# 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](#).

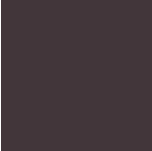
## Dichromacy



**Original Color**  
403924

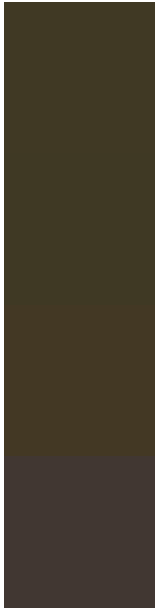
**Protanopia**  
3F3924

**Deuteranopia**  
453724



**Tritanopia**  
42363A

# Trichromacy



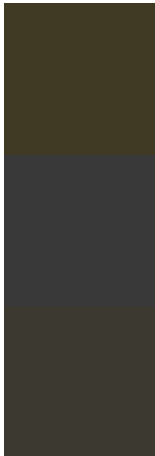
**Original Color**  
403924

**Protanomaly**  
3F3924

**Deuteranomaly**  
433824

**Tritanomaly**  
413732

# Monochromacy



**Original Color**  
403924

**Achromatopsia**  
393939

**Achromatomaly**  
3C3931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403924 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 #403924 looks like.

```
.text, #text, p{  
    color:#403924  
}
```

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 #403924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403924
}
```

## Border

The CSS property to change the border of an element to Hex 403924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

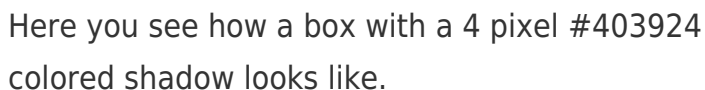
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403924 }
```

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

```
.border{ border-color:#403924 }
```

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



Here you see how a box with a 4 pixel #403924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403924; -webkit-box-shadow:4px 4px  
4px 4px #403924; box-shadow:4px 4px 4px  
4px #403924 }
```

# Background

The CSS property to change the background color of an element to Hex 403924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403924 }
```

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

```
.background{ background-color:#403924 }
```

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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