

# Converting Colors

Hex(403620)

Have a look what the booklet for  
Hex(403620) contains.

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# Color

**Hex(403620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	403620
RGB	64, 54, 32
RGB Percent	25%, 21%, 13%
CMY	0.7490, 0.7882, 0.8745
CMYK	0.00, 0.16, 0.50, 0.75
HSL	41°, 33%, 19%
HSV	41°, 50%, 25%
XYZ	3.6942, 3.8326, 1.9116
YIQ	54.4820, 13.0220, -4.7220

# Conversions

## Conversions Part 2

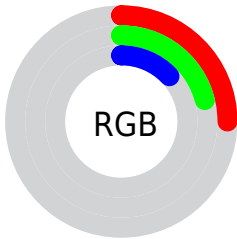
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 64, 32
Decimal	4208160
CIELab	23.11, 0.79, 15.45
CIELCh	23, 15.471, 87.073
Yxy	3.8326, 0.3914, 0.4061
Android (android.graphics.Color)	4282398240 (0xFF403620)
YUV	54.4820, -11.0836, 8.3473
Hunter-Lab	19.5770, -0.5765, 7.9147

# Details

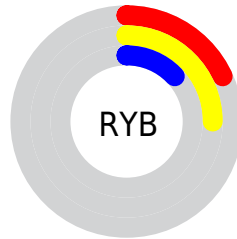
The Hex color **403620** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **202A40**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **71654C**, and **120A00** is the 20% darker color. If you saturate the color by 10%, you get **40341A**, and if you desaturate by 10%, it is **403826**.

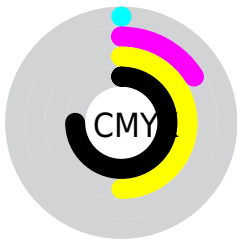
# Distribution



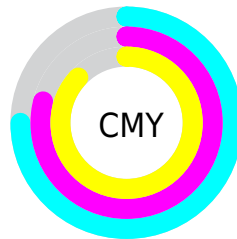
- Red (25%)
- Green (21%)
- Blue (13%)



- Red (18%)
- Yellow (25%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (75%)



- Cyan (75%)
- Magenta (79%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403620 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 403620 by changing the saturation by 10% instead.





403620



403620

FFFFFF



2A210A



71654C



120A00



8A7D64



000000



A5977D



C0B297



DCCDB2



F9EACE



FFFEEA



403620



403620

■ 40341A

■ 403826

■ 403213

■ 403A2D

■ 40300D

■ 403C33

■ 402E06

■ 403E3A

■ 402C00

■ 404040

■ 404246

■ 40444D

■ 404653

■ 40485A

# Harmonies

## Analogous

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



493224



403620



343A22

# Triad

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



403620



0E3D41



453144

# Complementary

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



403620



202A40

# 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.



37354C



403620



143C4A

# Square

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



403620



193D36



25394E



4C2E39

# Rectangle

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



403620



2B3B27



25394E



413247



# Sweetspot

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



403620



545048



40202A



2B2924



ABABAB



2B2B2B



# Same Dimension

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



403620



544422



3A4020



21201E



614300



E09A00



# Inverse Universe

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



202A40



223154



262040



1E1F21



001E61

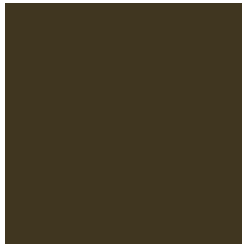


0046E0



# Previews

## White Background



This preview shows how the Hex color 403620 looks on a white background.

## Color Contrast Check

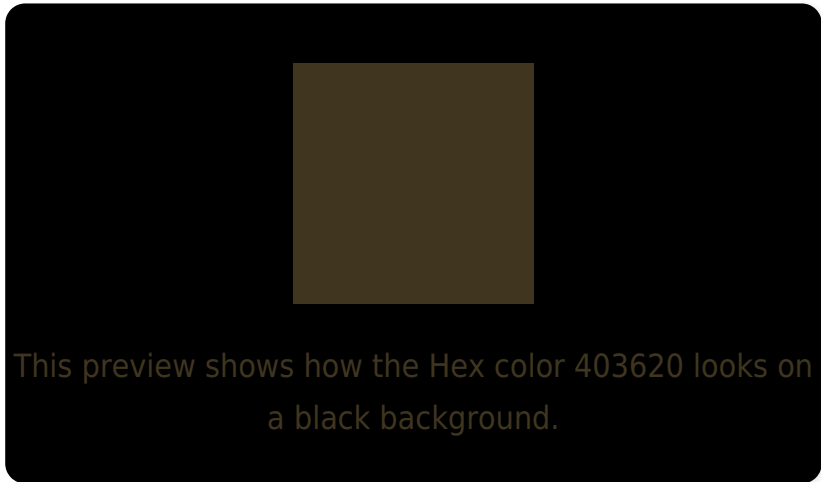
Large Text (above 18pt) WCAG AA ✓ Pass

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

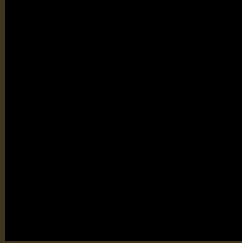
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 403620 Background



This preview shows how black text looks on a background with the Hex color 403620.

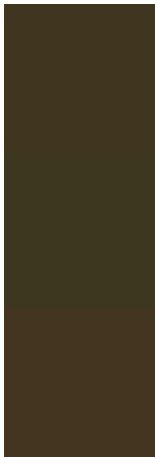


This preview shows how white text looks on a background with the Hex color 403620.

# 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](#).

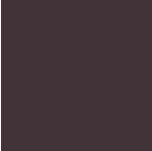
## Dichromacy



**Original Color**  
403620

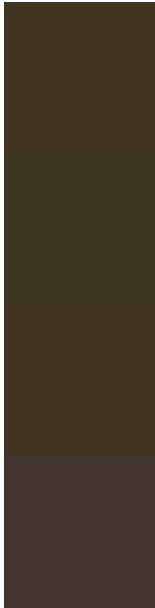
**Protanopia**  
3D3720

**Deuteranopia**  
433520



**Tritanopia**  
423337

# Trichromacy



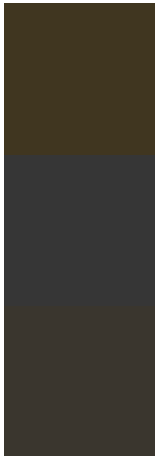
**Original Color**  
403620

**Protanomaly**  
3E3720

**Deuteranomaly**  
423520

**Tritanomaly**  
41342F

# Monochromacy



**Original Color**  
403620

**Achromatopsia**  
363636

**Achromatomaly**  
3A362E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403620 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 #403620 looks like.

```
.text, #text, p{  
    color:#403620  
}
```

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 #403620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403620
}
```

## Border

The CSS property to change the border of an element to Hex 403620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

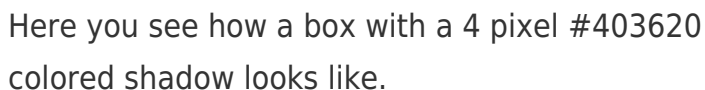
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403620 }
```

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

```
.border{ border-color:#403620 }
```

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



Here you see how a box with a 4 pixel #403620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403620; -webkit-box-shadow:4px 4px  
4px 4px #403620; box-shadow:4px 4px 4px  
4px #403620 }
```

# Background

The CSS property to change the background color of an element to Hex 403620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403620 }
```

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

```
.background{ background-color:#403620 }
```

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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