

# Converting Colors

Hex(52403D)

Have a look what the booklet for  
Hex(52403D) contains.

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# Color

**Hex(52403D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52403D
RGB	82, 64, 61
RGB Percent	32%, 25%, 24%
CMY	0.6784, 0.7490, 0.7608
CMYK	0.00, 0.22, 0.26, 0.68
HSL	9°, 15%, 28%
HSV	9°, 26%, 32%
XYZ	6.1554, 5.7976, 5.2095
YIQ	69.0400, 11.6910, 2.8830

# Conversions

## Conversions Part 2

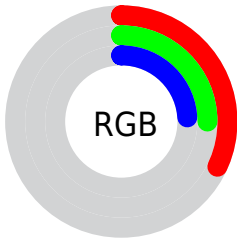
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 65, 61
Decimal	5390397
CIE <sub>Lab</sub>	28.90, 7.27, 4.80
CIE <sub>LCh</sub>	29, 8.715, 33.423
Yxy	5.7976, 0.3587, 0.3378
Android (android.graphics.Color)	4283580477 (0xFF52403D)
YUV	69.0400, -3.9637, 11.3659
Hunter-Lab	24.0781, 3.4954, 4.0268

# Details

The Hex color **52403D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4F52**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **84706C**, and **251613** is the 20% darker color. If you saturate the color by 10%, you get **523935**, and if you desaturate by 10%, it is **524745**.

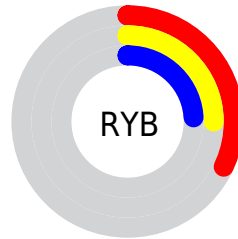
# Distribution



Red (32%)

Green (25%)

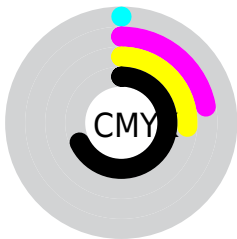
Blue (24%)



Red (32%)

Yellow (25%)

Blue (24%)

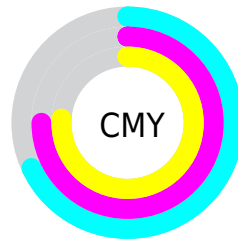


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (68%)



Cyan (68%)

Magenta (75%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52403D 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 52403D by changing the saturation by 10% instead.



■ 52403D

■ 52403D

FFFFFF

■ 3B2A27

■ 84706C

■ 251613

■ 9E8986

■ 070000

■ B9A3A0

■ 000000

■ D5BFBB

■ F1DAD6

■ FFF7F3

■ 52403D

■ 52403D

■ 523935

■ 524745

■ 52322D

■ 524E4D

■ 522B24

■ 525556

■ 52241C

■ 525C5E

■ 521D14

■ 526366

■ 52160C

■ 526A6E

■ 520F04

■ 527176

■ 520C00

■ 52787F

■ 527F87

# Harmonies

## Analogous

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



523F44



52403D



4F4238

# Triad

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



52403D



3A473E



3E4451

# Complementary

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



52403D



3D4F52

# 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.



364650



52403D



344845

# Square

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



52403D



414639



32484B



46424F

# Rectangle

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



52403D



4B4337



32484B



3B4551



# Sweetspot

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



52403D



6B6463



523D4F



363130



B5B5B5



363636



# Same Dimension

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



52403D



6B4F4A



524A3D



292525



690F00



E82100



# Inverse Universe

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



3D4F52



4A666B



3D4552



252829



005A69



00C7E8



# Previews

## White Background



This preview shows how the Hex color 52403D looks on a white background.

## Color Contrast Check

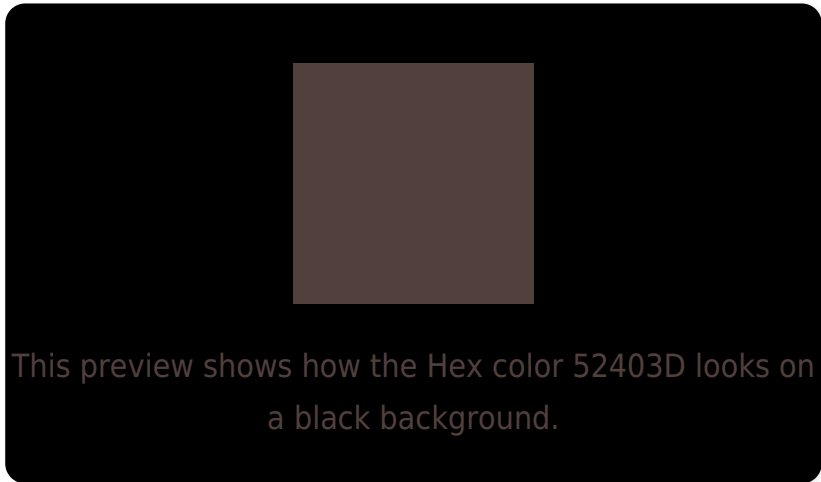
Large Text (above 18pt) WCAG AA ✓ Pass

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

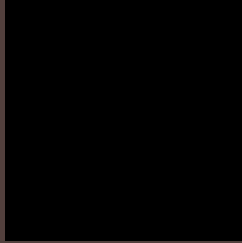
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 52403D Background



This preview shows how black text looks on a background with the Hex color 52403D.

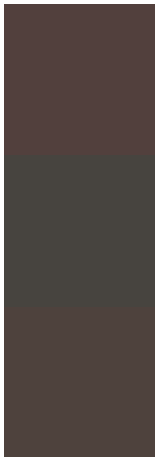


This preview shows how white text looks on a background with the Hex color 52403D.

# 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](#).

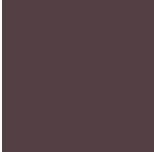
## Dichromacy



**Original Color**  
52403D

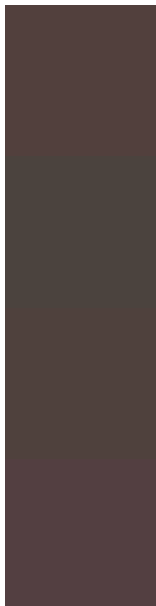
**Protanopia**  
47443F

**Deuteranopia**  
4E423D



**Tritanopia**  
533F44

# Trichromacy



**Original Color**

52403D

**Protanomaly**

4B433E

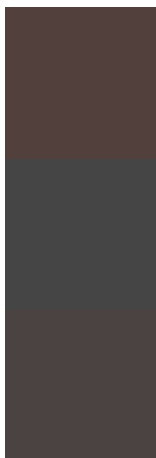
**Deuteranomaly**

4F413D

**Tritanomaly**

533F41

# Monochromacy



**Original Color**

52403D

**Achromatopsia**

454545

**Achromatomaly**

4A4342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52403D 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 #52403D looks like.

```
.text, #text, p{  
    color:#52403D  
}
```

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 #52403D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52403D
}
```

## Border

The CSS property to change the border of an element to Hex 52403D is called "border". The border property can be set on classes, ids or directly on the HTML element.

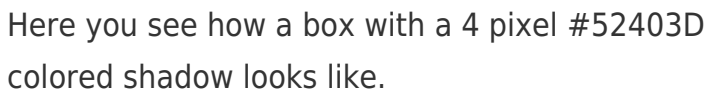
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52403D }
```

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

```
.border{ border-color:#52403D }
```

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



Here you see how a box with a 4 pixel #52403D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52403D; -webkit-box-shadow:4px 4px  
4px 4px #52403D; box-shadow:4px 4px 4px  
4px #52403D }
```

# Background

The CSS property to change the background color of an element to Hex 52403D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52403D }
```

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

```
.background{ background-color:#52403D }
```

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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