

# Converting Colors

Hex(50373D)

Have a look what the booklet for  
Hex(50373D) contains.

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# Color

**Hex(50373D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50373D
RGB	80, 55, 61
RGB Percent	31%, 22%, 24%
CMY	0.6863, 0.7843, 0.7608
CMYK	0.00, 0.31, 0.24, 0.69
HSL	346°, 19%, 26%
HSV	346°, 31%, 31%
XYZ	5.5168, 4.7748, 5.0457
YIQ	63.1590, 12.9740, 7.1660

# Conversions

## Conversions Part 2

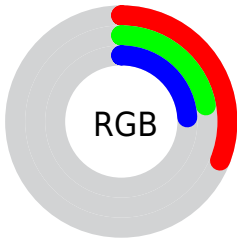
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 55, 61
Decimal	5257021
CIELab	26.08, 12.20, 0.72
CIElCh	26, 12.219, 3.377
Yxy	4.7748, 0.3597, 0.3113
Android (android.graphics.Color)	4283447101 (0xFF50373D)
YUV	63.1590, -1.0644, 14.7696
Hunter-Lab	21.8513, 6.8260, 1.6050




# Details

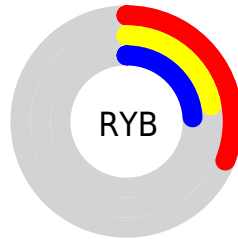
The Hex color **50373D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37504A**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **82666C**, and **230C13** is the 20% darker color. If you saturate the color by 10%, you get **502F37**, and if you desaturate by 10%, it is **503F43**.

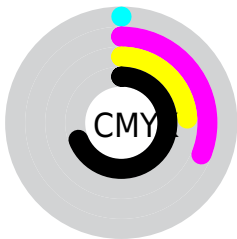
# Distribution







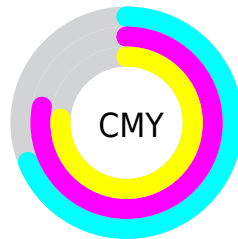
-  Red (31%)
-  Green (22%)
-  Blue (24%)






-  Red (31%)
-  Yellow (22%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (24%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (78%)
-  Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50373D 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 50373D by changing the saturation by 10% instead.





50373D



50373D

FFFFFF



392127



82666C



230C13



9C7F86



000000



B799A0



D3B4BB



EFD0D6



FFECF3



50373D



50373D



502F37



503F43

■ 502731

■ 504749

■ 501F2B

■ 504F4F

■ 501725

■ 505755

■ 500F1F

■ 505F5B

■ 500719

■ 506761

■ 500013

■ 506F68

■ 50776E

■ 507F74

# Harmonies

## Analogous

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



4B3846



50373D



503834

# Triad

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



50373D



39402E



28414E

# Complementary

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



50373D



37504A

# 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.



234348



50373D



2F4235

# Square

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



50373D



443D2B



26433E



343E50

# Rectangle

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



50373D



4E392F



26433E



25424C



# Sweetspot

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



50373D



695F61



4A3750



363031



B5B5B5



363636



# Same Dimension

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



50373D



69414A



503D37



292526



690019



E80038



# Inverse Universe

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



50373D



69414A



374A50



292526



690019

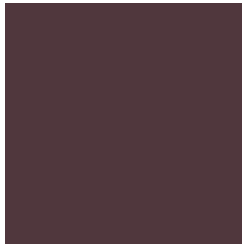


E80038



# Previews

## White Background



This preview shows how the Hex color 50373D looks on a white background.

## Color Contrast Check

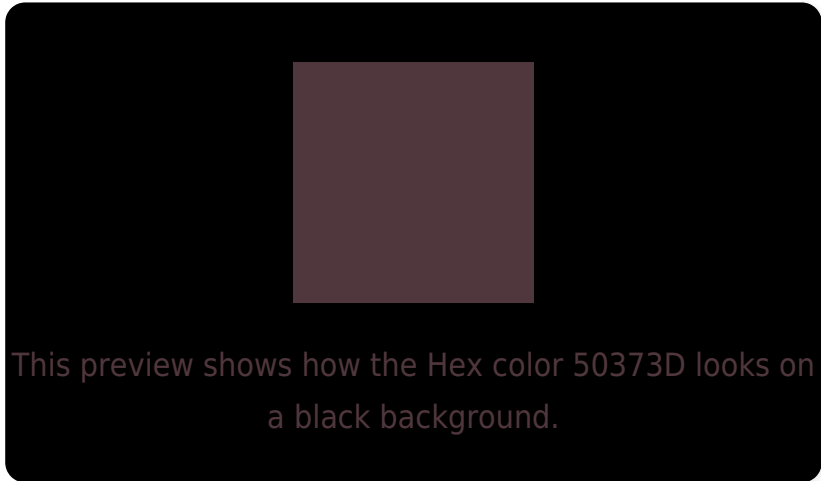
Large Text (above 18pt) WCAG AA ✓ Pass

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

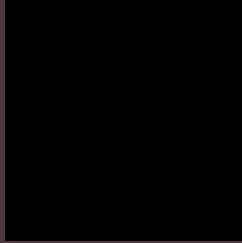
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50373D Background



This preview shows how black text looks on a background with the Hex color 50373D.

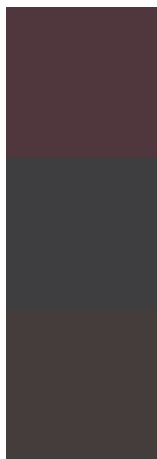


This preview shows how white text looks on a background with the Hex color 50373D.

# 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**  
50373D

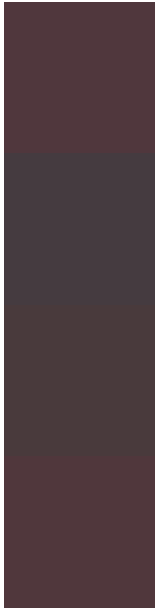
**Protanopia**  
3E3E41

**Deuteranopia**  
453C3C



**Tritanopia**  
50373B

# Trichromacy



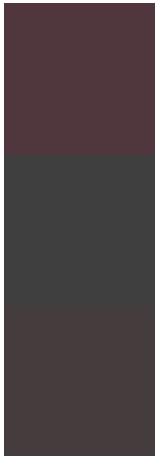
**Original Color**  
50373D

**Protanomaly**  
453B40

**Deuteranomaly**  
493A3C

**Tritanomaly**  
50373C

# Monochromacy



**Original Color**  
50373D

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
453C3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50373D 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 #50373D looks like.

```
.text, #text, p{  
    color:#50373D  
}
```

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 #50373D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50373D
}
```

## Border

The CSS property to change the border of an element to Hex 50373D is called "border". The border property can be set on classes, ids or directly on the HTML element.

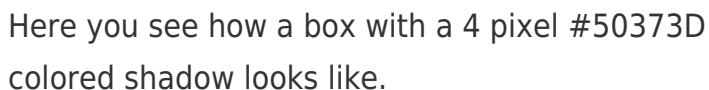
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50373D }
```

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

```
.border{ border-color:#50373D }
```

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



Here you see how a box with a 4 pixel #50373D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50373D; -webkit-box-shadow:4px 4px  
4px 4px #50373D; box-shadow:4px 4px 4px  
4px #50373D }
```

# Background

The CSS property to change the background color of an element to Hex 50373D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50373D }
```

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

```
.background{ background-color:#50373D }
```

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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