

# Converting Colors

Hex(63373B)

Have a look what the booklet for  
Hex(63373B) contains.

<b>Hex(63373B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(63373B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63373B
RGB	99, 55, 59
RGB Percent	39%, 22%, 23%
CMY	0.6118, 0.7843, 0.7686
CMYK	0.00, 0.44, 0.40, 0.61
HSL	355°, 29%, 30%
HSV	355°, 44%, 39%
XYZ	7.3012, 5.7008, 4.8532
YIQ	68.6120, 24.9400, 10.5720

# Conversions

## Conversions Part 2

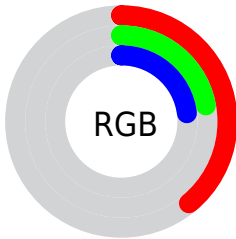
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 55, 59
Decimal	6502203
CIELab	28.64, 20.11, 6.06
CIElCh	29, 21.007, 16.771
Yxy	5.7008, 0.4089, 0.3193
Android (android.graphics.Color)	4284692283 (0xFF63373B)
YUV	68.6120, -4.7387, 26.6503
Hunter-Lab	23.8763, 12.8003, 4.6619

# Details

The Hex color **63373B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37635F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **97676A**, and **320B11** is the 20% darker color. If you saturate the color by 10%, you get **632D32**, and if you desaturate by 10%, it is **634144**.

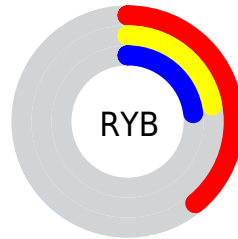
# Distribution



Red (39%)

Green (22%)

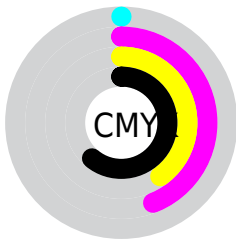
Blue (23%)



Red (39%)

Yellow (22%)

Blue (23%)

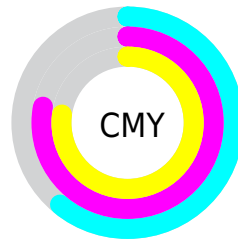


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (61%)



Cyan (61%)

Magenta (78%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63373B 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 63373B by changing the saturation by 10% instead.



63373B

63373B

FFFFFF

4A2125

97676A

320B11

B38083

1C0001

CF9A9D

000000

EBB5B8

FFD1D4

FFEDF0

63373B

63373B

632D32

634144

■ 632329

■ 634B4D

■ 631920

■ 635556

■ 630F17

■ 635F5F

■ 63060E

■ 636968

■ 630009

■ 637271

■ 637C7A

■ 638683

■ 63908C

# Harmonies

## Analogous

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



5E384B



63373B



5F3B2D

# Triad

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



63373B



33492D



1D4763

# Complementary

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



63373B



37635F

# 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.



004B5B



63373B



1D4C3C

# Square

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



63373B



454524



004C4C



3A4262

# Rectangle

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



63373B



583E26



004C4C



114961



# Sweetspot

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



63373B



806F70



5F3763



403636



BFBFBF



404040



# Same Dimension

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



63373B



803C42



634937



302C2C



70000A



F00016



# Inverse Universe

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



63373B



803C42



375163



302C2C



70000A

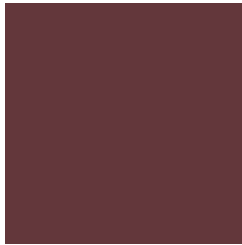


F00016



# Previews

## White Background



This preview shows how the Hex color 63373B looks on a white background.

## Color Contrast Check

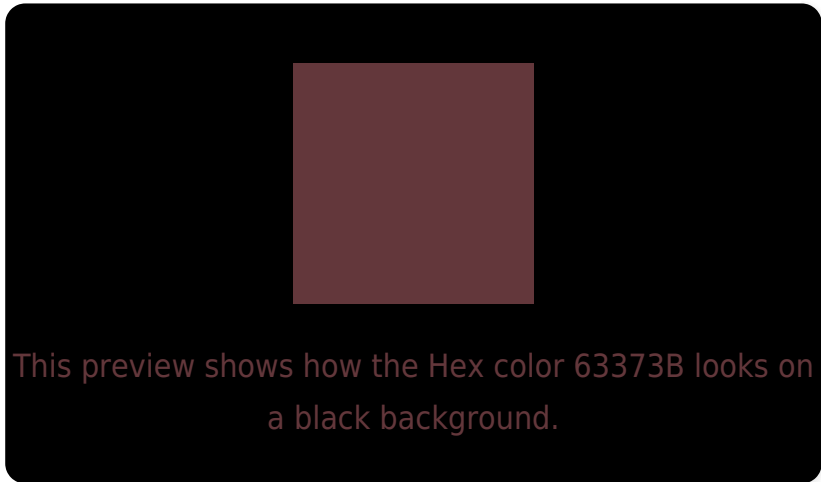
Large Text (above 18pt) WCAG AA ✓ Pass

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

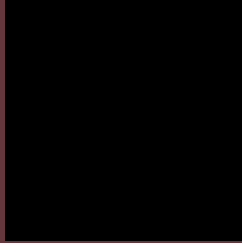
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63373B Background



This preview shows how black text looks on a background with the Hex color 63373B.



This preview shows how white text looks on a background with the Hex color 63373B.

# 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**  
63373B

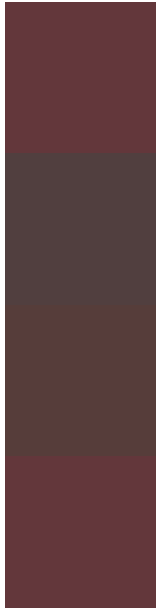
**Protanopia**  
464442

**Deuteranopia**  
4E4139



**Tritanopia**  
63373B

# Trichromacy



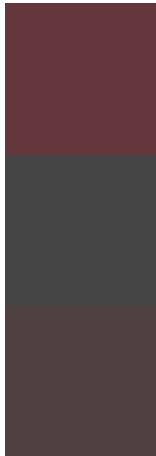
**Original Color**  
63373B

**Protanomaly**  
513F3F

**Deuteranomaly**  
563D3A

**Tritanomaly**  
63373B

# Monochromacy



**Original Color**  
63373B

**Achromatopsia**  
454545

**Achromatomaly**  
504041

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63373B 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 #63373B looks like.

```
.text, #text, p{  
    color:#63373B  
}
```

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 #63373B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63373B
}
```

## Border

The CSS property to change the border of an element to Hex 63373B is called "border". The border property can be set on classes, ids or directly on the HTML element.

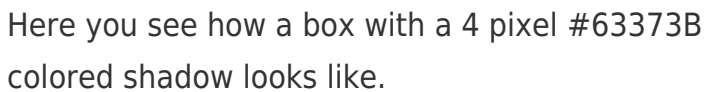
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63373B }
```

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

```
.border{ border-color:#63373B }
```

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



Here you see how a box with a 4 pixel #63373B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63373B; -webkit-box-shadow:4px 4px  
4px 4px #63373B; box-shadow:4px 4px 4px  
4px #63373B }
```

# Background

The CSS property to change the background color of an element to Hex 63373B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63373B }
```

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

```
.background{ background-color:#63373B }
```

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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