

# Converting Colors

Hex(763A3B)

Have a look what the booklet for  
Hex(763A3B) contains.

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**Color**

**Hex(763A3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	763A3B
RGB	118, 58, 59
RGB Percent	46%, 23%, 23%
CMY	0.5373, 0.7725, 0.7686
CMYK	0.00, 0.51, 0.50, 0.54
HSL	359°, 34%, 35%
HSV	359°, 51%, 46%
XYZ	9.7737, 7.1934, 5.0110
YIQ	76.0540, 35.4390, 13.0310

# Conversions

## Conversions Part 2

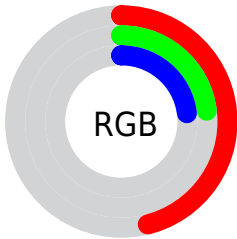
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 58, 59
Decimal	7748155
CIE Lab	32.24, 26.30, 11.51
CIE LCh	32, 28.710, 23.626
Yxy	7.1934, 0.4447, 0.3273
Android (android.graphics.Color)	4285938235 (0xFF763A3B)
YUV	76.0540, -8.4076, 36.7866
Hunter-Lab	26.8206, 18.1112, 7.6970

# Details

The Hex color **763A3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A7675**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AD6B6A**, and **420B11** is the 20% darker color. If you saturate the color by 10%, you get **762E2F**, and if you desaturate by 10%, it is **764647**.

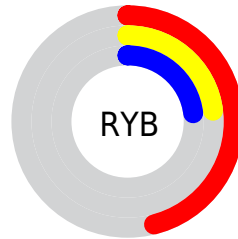
# Distribution



Red (46%)

Green (23%)

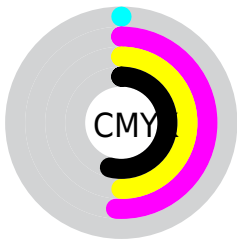
Blue (23%)



Red (46%)

Yellow (23%)

Blue (23%)

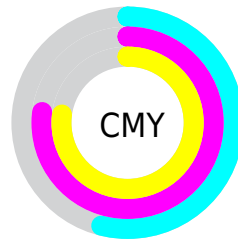


Cyan (0%)

Magenta (51%)

Yellow (50%)

Black (54%)



Cyan (54%)

Magenta (77%)


Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763A3B 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 763A3B by changing the saturation by 10% instead.



 763A3B

 763A3B

FFFFFF

 5C2325

 AD6B6A

 420B11

 C98483

 2B0000

 E69F9D

 000000

 FFBAB8

 FFD6D4

 FFF3F0

 763A3B

 763A3B

 762E2F

 764647

 762224

 765252

 761718

 765D5E

 760B0D

 766969

 760002

 767575

 768181

 768D8C

 769898

 76A4A3

# Harmonies

## Analogous

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



733952



763A3B



6E4128

# Triad

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



763A3B



2C5530



135079

# Complementary

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



763A3B



3A7675

# 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.



005570



763A3B



005746

# Square

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



763A3B



475021



00575D



464875

# Rectangle

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



763A3B



644620



00575D



005277



# Sweetspot

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



763A3B



998282



753A76



4D3F3F



CCCCCC



4D4D4D



# Same Dimension

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



763A3B



993C3D



76573A



3B3535



7A0002



FA0004



# Inverse Universe

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



763A3B



993C3D



3A5976



3B3535



7A0002

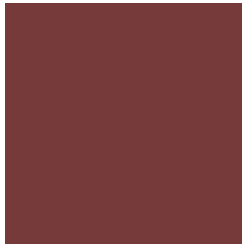


FA0004



# Previews

## White Background



This preview shows how the Hex color 763A3B looks on a white background.

## Color Contrast Check

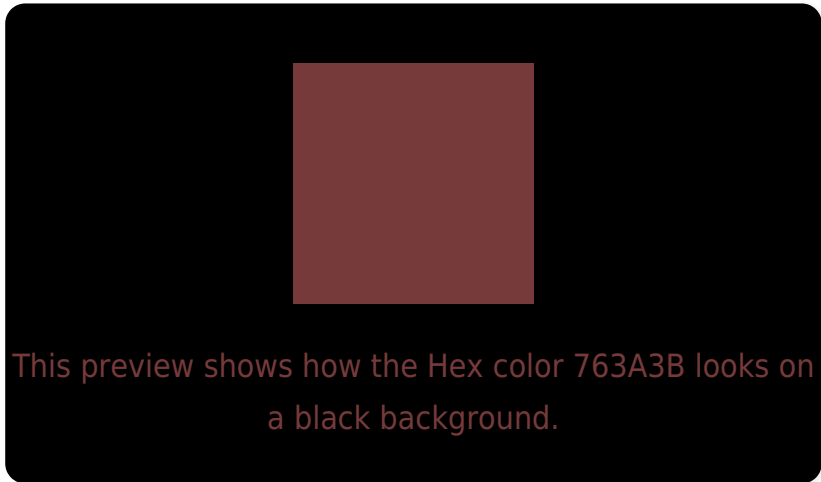
Large Text (above 18pt) WCAG AA ✓ Pass

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 763A3B Background



This preview shows how black text looks on a background with the Hex color 763A3B.



This preview shows how white text looks on a background with the Hex color 763A3B.

# 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**  
763A3B

**Protanopia**  
504C44

**Deuteranopia**  
5A4938



**Tritanopia**  
763A3E

# Trichromacy



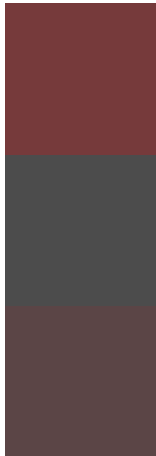
**Original Color**  
763A3B

**Protanomaly**  
5E4541

**Deuteranomaly**  
644439

**Tritanomaly**  
763A3D

# Monochromacy



**Original Color**  
763A3B

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5B4546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763A3B 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 #763A3B looks like.

```
.text, #text, p{  
    color:#763A3B  
}
```

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 #763A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763A3B
}
```

## Border

The CSS property to change the border of an element to Hex 763A3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

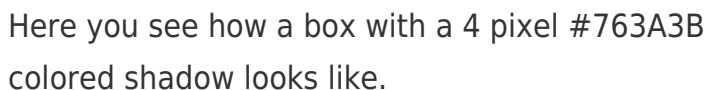
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763A3B }
```

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

```
.border{ border-color:#763A3B }
```

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



Here you see how a box with a 4 pixel `#763A3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763A3B; -webkit-box-shadow:4px 4px  
4px 4px #763A3B; box-shadow:4px 4px 4px  
4px #763A3B }
```

# Background

The CSS property to change the background color of an element to Hex 763A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763A3B }
```

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

```
.background{ background-color:#763A3B }
```

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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