

# Converting Colors

Hex(763441)

Have a look what the booklet for  
Hex(763441) contains.

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**Color**

**Hex(763441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763441
RGB	118, 52, 65
RGB Percent	46%, 20%, 25%
CMY	0.5373, 0.7961, 0.7451
CMYK	0.00, 0.56, 0.45, 0.54
HSL	348°, 39%, 33%
HSV	348°, 56%, 46%
XYZ	9.6533, 6.6892, 5.7834
YIQ	73.2160, 35.1630, 18.0350

# Conversions

## Conversions Part 2

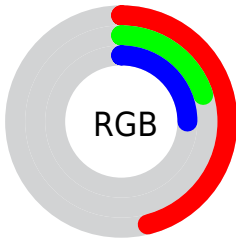
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 52, 65
Decimal	7746625
CIE Lab	31.09, 30.31, 6.01
CIE LCh	31, 30.904, 11.208
Yxy	6.6892, 0.4363, 0.3023
Android (android.graphics.Color)	4285936705 (0xFF763441)
YUV	73.2160, -4.0505, 39.2756
Hunter-Lab	25.8635, 21.3627, 4.8465

# Details

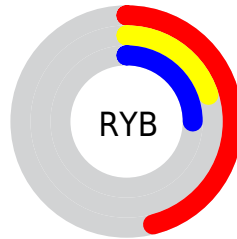
The Hex color **763441** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **347669**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AD6571**, and **420317** is the 20% darker color. If you saturate the color by 10%, you get **762838**, and if you desaturate by 10%, it is **76404A**.

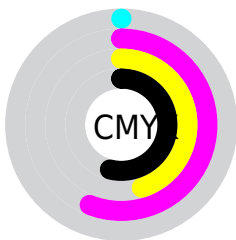
# Distribution



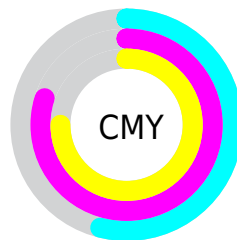
- Red (46%)
- Green (20%)
- Blue (25%)



- Red (46%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (56%)
- Yellow (45%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763441 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 763441 by changing the saturation by 10% instead.



763441

763441

FFFFFF

5C1C2B

AD6571

420317

C97F8A

2D0001

E699A4

000000

FFB4BF

FFD0DB

FFEDF8

763441

763441

762838

76404A

 761C2E

 764C54

 761125

 76575D

 76051B

 766367

 760017

 766F70

 767B7A

 768783

 76928D

 769E96

# Harmonies

## Analogous

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



6D3659



763441



72392A

# Triad

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



763441



345123



005077

# Complementary

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



763441



347669

# 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.



005468



763441



065439

# Square

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



763441



4E4B17



005552



2F4979

# Rectangle

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



763441



693F1F



005552



005273



# Sweetspot

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



763441



997F84



693476



4D3D40



CCCCCC



4D4D4D



# Same Dimension

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



763441



993247



764834



3B3536



7A0018



FA0031



# Inverse Universe

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



763441



993247



346276



3B3536



7A0018

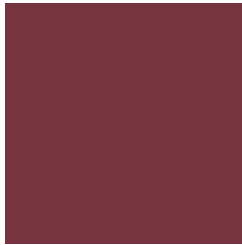


FA0031



# Previews

## White Background



This preview shows how the Hex color 763441 looks on a white background.

## Color Contrast Check

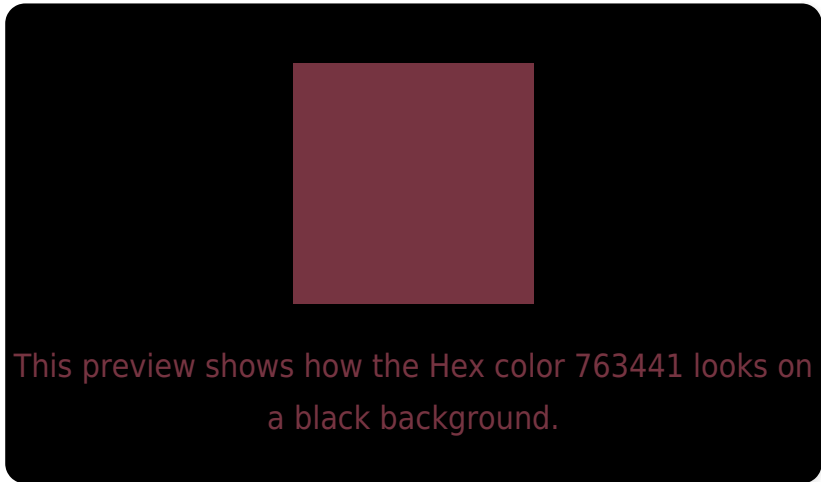
Large Text (above 18pt) WCAG AA ✓ Pass

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

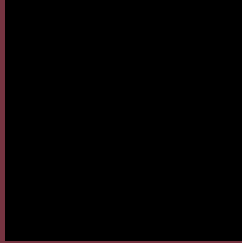
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763441 Background



This preview shows how black text looks on a background with the Hex color 763441.



This preview shows how white text looks on a background with the Hex color 763441.

# 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**  
763441

**Protanopia**  
4A4A4D

**Deuteranopia**  
55473E



**Tritanopia**  
753539

# Trichromacy



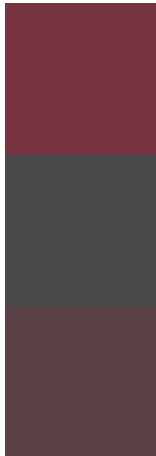
**Original Color**  
763441

**Protanomaly**  
5A4249

**Deuteranomaly**  
61403F

**Tritanomaly**  
75353C

# Monochromacy



**Original Color**  
763441

**Achromatopsia**  
494949

**Achromatomaly**  
594146

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763441 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 #763441 looks like.

```
.text, #text, p{  
    color:#763441  
}
```

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 #763441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763441
}
```

## Border

The CSS property to change the border of an element to Hex 763441 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
#763441 }
```

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

```
.border{ border-color:#763441 }
```

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

Here you see how a box with a 4 pixel #763441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763441; -webkit-box-shadow:4px 4px  
4px 4px #763441; box-shadow:4px 4px 4px  
4px #763441 }
```

# Background

The CSS property to change the background color of an element to Hex 763441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763441 }
```

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

```
.background{ background-color:#763441 }
```

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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