

# Converting Colors

Hex(763661)

Have a look what the booklet for  
Hex(763661) contains.

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# Color

**Hex(763661)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763661
RGB	118, 54, 97
RGB Percent	46%, 21%, 38%
CMY	0.5373, 0.7882, 0.6196
CMYK	0.00, 0.54, 0.18, 0.54
HSL	320°, 37%, 34%
HSV	320°, 54%, 46%
XYZ	10.9480, 7.3530, 12.1515
YIQ	78.0380, 24.3410, 26.9410

# Conversions

## Conversions Part 2

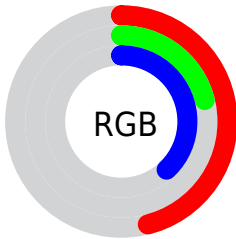
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 54, 97
Decimal	7747169
CIE <sub>Lab</sub>	32.60, 33.81, -12.50
CIE <sub>LCh</sub>	33, 36.045, 339.704
Yxy	7.3530, 0.3595, 0.2415
Android (android.graphics.Color)	4285937249 (0xFF763661)
YUV	78.0380, 9.3483, 35.0467
Hunter-Lab	27.1163, 24.6147, -7.5879

# Details

The Hex color **763661** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36764B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AC6794**, and **430333** is the 20% darker color. If you saturate the color by 10%, you get **762A5D**, and if you desaturate by 10%, it is **764265**.

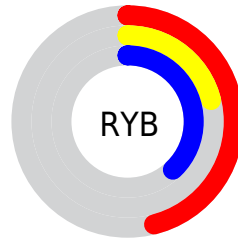
# Distribution



Red (46%)

Green (21%)

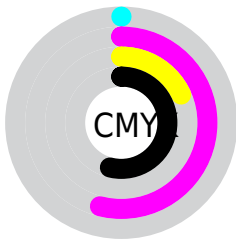
Blue (38%)



Red (46%)

Yellow (21%)

Blue (38%)

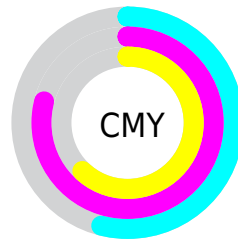


Cyan (0%)

Magenta (54%)

Yellow (18%)

Black (54%)



Cyan (54%)

Magenta (79%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763661 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 763661 by changing the saturation by 10% instead.



 763661

 763661

FFFFFF

 5C1E49

 AC6794

 430333

 C881AE

 2D001E

 E49CCA

 050000

 FFB7E6

 000000

 FFD3FF

 FFF0FF

 763661

 763661

 762A5D

 764265

761E59

764E69

761355

76596D

760752

766570

76004F

767174

767D78

76897C

769480

76A084

# Harmonies

## Analogous

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



5A4179



763661



803245

# Triad

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



763661



534E0F



005970

# Complementary

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



763661



36764B

# 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.



005A55



763661



34551E

# Square

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



763661



6B4415



005938



005582

# Rectangle

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



763661



7F3632



005938



005A68



# Sweetspot

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



763661



998191



4A3676



4D3E48



CCCCCC



4D4D4D



# Same Dimension

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



763661



993678



763642



3B3539



7A0052



FA00A8



# Inverse Universe

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



763661



993678



36766A



3B3539



7A0052

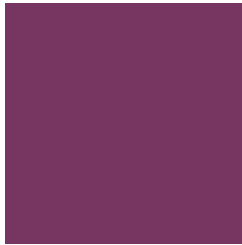


FA00A8



# Previews

## White Background



This preview shows how the Hex color 763661 looks on a white background.

## Color Contrast Check

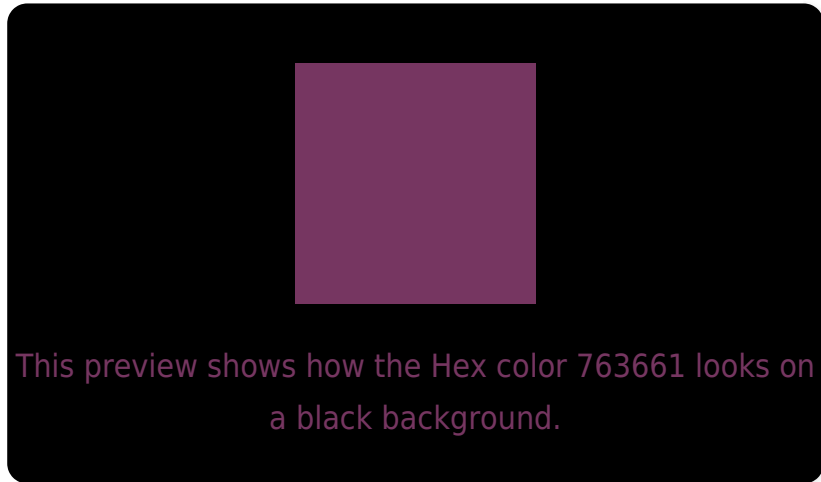
Large Text (above 18pt) WCAG AA ✓ Pass

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

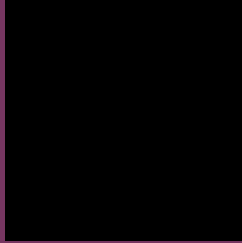
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763661 Background



This preview shows how black text looks on a background with the Hex color 763661.



This preview shows how white text looks on a background with the Hex color 763661.

# 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





**Tritanopia**  
733D42

# Trichromacy



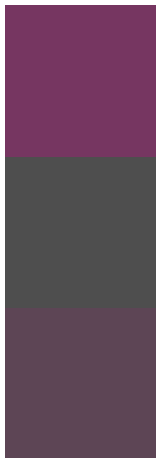
**Original Color**  
763661

**Protanomaly**  
54446C

**Deuteranomaly**  
5C445E

**Tritanomaly**  
743A4D

# Monochromacy



**Original Color**  
763661

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5D4555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763661 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 #763661 looks like.

```
.text, #text, p{  
    color:#763661  
}
```

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 #763661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763661
}
```

## Border

The CSS property to change the border of an element to Hex 763661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

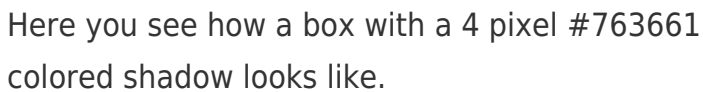
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763661 }
```

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

```
.border{ border-color:#763661 }
```

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



Here you see how a box with a 4 pixel #763661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763661; -webkit-box-shadow:4px 4px  
4px 4px #763661; box-shadow:4px 4px 4px  
4px #763661 }
```

# Background

The CSS property to change the background color of an element to Hex 763661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763661 }
```

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

```
.background{ background-color:#763661 }
```

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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