

# Converting Colors

Hex(763057)

Have a look what the booklet for  
Hex(763057) contains.

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**Color**

**Hex(763057)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763057
RGB	118, 48, 87
RGB Percent	46%, 19%, 34%
CMY	0.5373, 0.8118, 0.6588
CMYK	0.00, 0.59, 0.26, 0.54
HSL	327°, 42%, 33%
HSV	327°, 59%, 46%
XYZ	10.2485, 6.6536, 9.7609
YIQ	73.3760, 29.2010, 26.9690

# Conversions

## Conversions Part 2

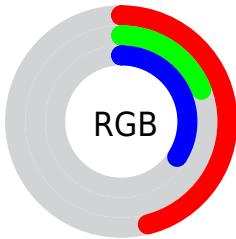
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 48, 87
Decimal	7745623
CIE <sub>Lab</sub>	31.00, 35.37, -8.47
CIE <sub>LCh</sub>	31, 36.374, 346.538
Yxy	6.6536, 0.3844, 0.2495
Android (android.graphics.Color)	4285935703 (0xFF763057)
YUV	73.3760, 6.7166, 39.1352
Hunter-Lab	25.7945, 25.7797, -4.3798

# Details

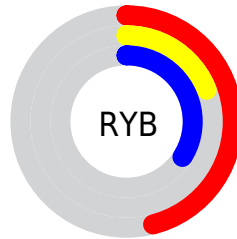
The Hex color **763057** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **30764F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AC6289**, and **43002A** is the 20% darker color. If you saturate the color by 10%, you get **762452**, and if you desaturate by 10%, it is **763C5C**.

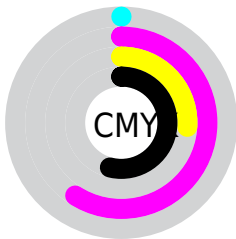
# Distribution



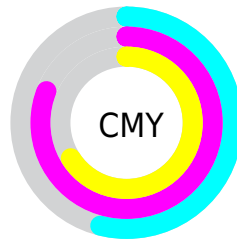
- Red (46%)
- Green (19%)
- Blue (34%)



- Red (46%)
- Yellow (19%)
- Blue (34%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763057 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 763057 by changing the saturation by 10% instead.



 763057

 763057

FFFFFF

 5C1740

 AC6289

 43002A

 C87BA3

 2D0016

 E596BE

 000000

 FFB1DA

 FFCDF6

 FFEAFF

 763057

 763057

 762452

 763C5C

76184D

764861

760D47

765367

760142

765F6C

760042

766B71

767776

76837C

768E81

769A86

# Harmonies

## Analogous

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



5E3B70



763057



7D2F3A

# Triad

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



763057



494C0C



005572

# Complementary

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



763057



30764F

# 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.



005758



763057



27531F

# Square

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



763057



62430D



00563B



005080

# Rectangle

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



763057



793429



00563B



00566A



# Sweetspot

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



763057



997D8D



4E3076



4D3C45



CCCCCC



4D4D4D



# Same Dimension

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



763057



992C69



763035



3B3538



7A0044



FA008B



# Inverse Universe

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



763057



992C69



307671



3B3538



7A0044

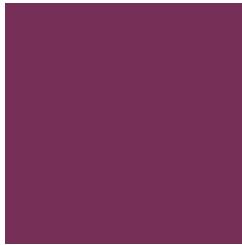


FA008B



# Previews

## White Background



This preview shows how the Hex color 763057 looks on a white background.

## Color Contrast Check

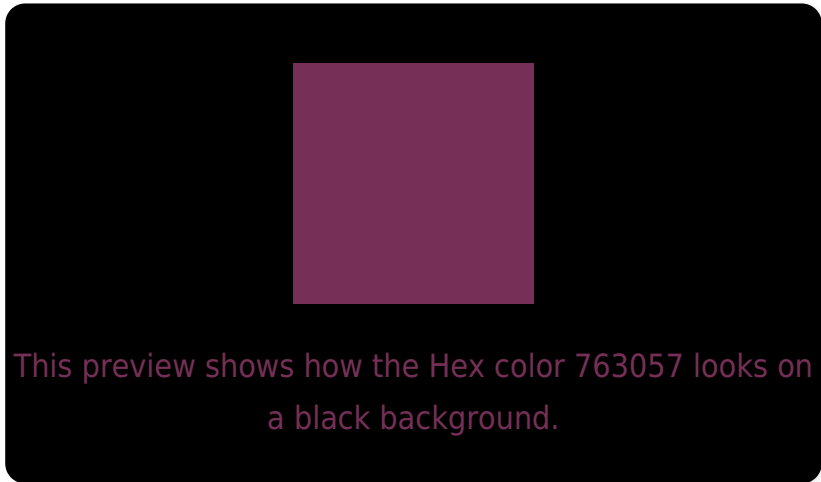
Large Text (above 18pt) WCAG AA ✓ Pass

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

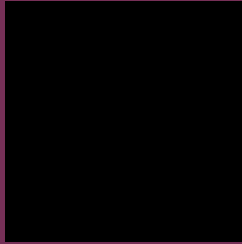
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763057 Background



This preview shows how black text looks on a background with the Hex color 763057.

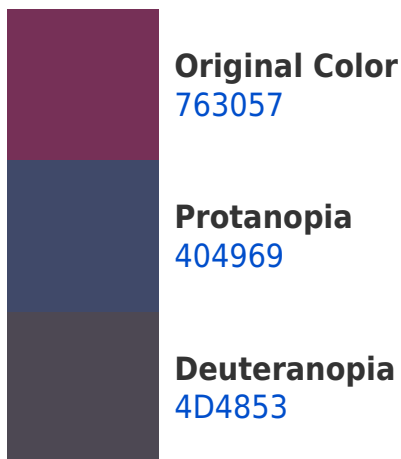



This preview shows how white text looks on a background with the Hex color 763057.

# 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**  
73373A

# Trichromacy



**Original Color**  
763057

**Protanomaly**  
544062

**Deuteranomaly**  
5C3F54

**Tritanomaly**  
743445

# Monochromacy



**Original Color**  
763057

**Achromatopsia**  
494949

**Achromatomaly**  
59404E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763057 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 #763057 looks like.

```
.text, #text, p{  
    color:#763057  
}
```

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 #763057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763057
}
```

## Border

The CSS property to change the border of an element to Hex 763057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

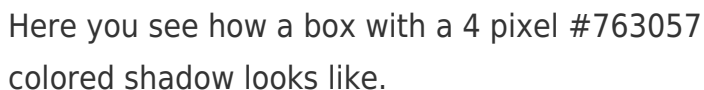
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763057 }
```

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

```
.border{ border-color:#763057 }
```

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



Here you see how a box with a 4 pixel #763057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763057; -webkit-box-shadow:4px 4px  
4px 4px #763057; box-shadow:4px 4px 4px  
4px #763057 }
```

# Background

The CSS property to change the background color of an element to Hex 763057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763057 }
```

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

```
.background{ background-color:#763057 }
```

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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