

# Converting Colors

Hex(753D70)

Have a look what the booklet for  
Hex(753D70) contains.

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# Color

**Hex(753D70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753D70
RGB	117, 61, 112
RGB Percent	46%, 24%, 44%
CMY	0.5412, 0.7608, 0.5608
CMYK	0.00, 0.48, 0.04, 0.54
HSL	305°, 31%, 35%
HSV	305°, 48%, 46%
XYZ	11.9295, 8.2892, 16.3005
YIQ	83.5580, 17.0050, 27.7330

# Conversions

## Conversions Part 2

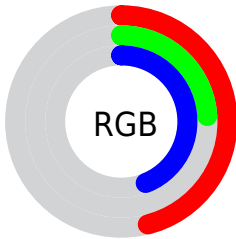
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 61, 112
Decimal	7683440
CIE <sub>Lab</sub>	34.58, 32.33, -18.99
CIE <sub>LCh</sub>	35, 37.497, 329.568
Yxy	8.2892, 0.3267, 0.2270
Android (android.graphics.Color)	4285873520 (0xFF753D70)
YUV	83.5580, 14.0219, 29.3286
Hunter-Lab	28.7911, 23.5766, -13.4141

# Details

The Hex color **753D70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D7542**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AA6EA4**, and **430D40** is the 20% darker color. If you saturate the color by 10%, you get **75316F**, and if you desaturate by 10%, it is **754971**.

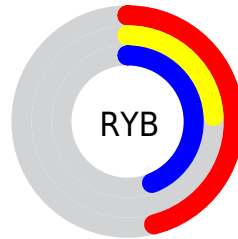
# Distribution



Red (46%)

Green (24%)

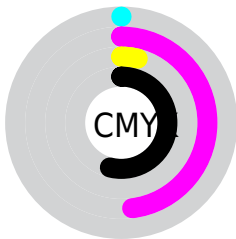
Blue (44%)



Red (46%)

Yellow (24%)

Blue (44%)

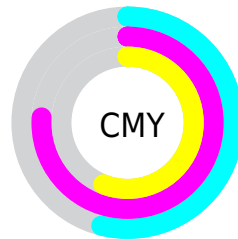


Cyan (0%)

Magenta (48%)

Yellow (4%)

Black (54%)



Cyan (54%)

Magenta (76%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753D70 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 753D70 by changing the saturation by 10% instead.



 753D70

 753D70

FFFFFF

 5B2557

 AA6EA4

 430D40

 C688BF

 2C002A

 E3A3DB

 0C0015

 FFBFF8

 000000

 FFDBFF

 FFF7FF

 753D70

 753D70

 75316F

 754971

75266E

755472

751A6D

756073

750E6C

756C74

75036B

757875

75006B

758376

758F77

759B78

75A679

# Harmonies

## Analogous

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



514A85



753D70



863653

# Triad

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



753D70



615010



005F6E

# Complementary

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



753D70



3D7542

# 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.



006050



753D70



445819

# Square

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



753D70



78441D



175D32



005C84

# Rectangle

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



753D70



88373F



175D32



006064



# Sweetspot

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



753D70



998497



423D75



4D3F4B



CCCCCC



4D4D4D



# Same Dimension

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



753D70



994291



753D54



3B353A



7A006F



FA00E4



# Inverse Universe

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



753D70



994291



3D755E



3B353A



7A006F

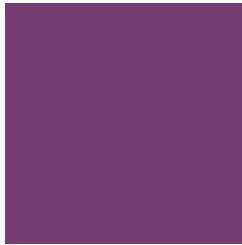


FA00E4



# Previews

## White Background



This preview shows how the Hex color 753D70 looks on a white background.

## Color Contrast Check

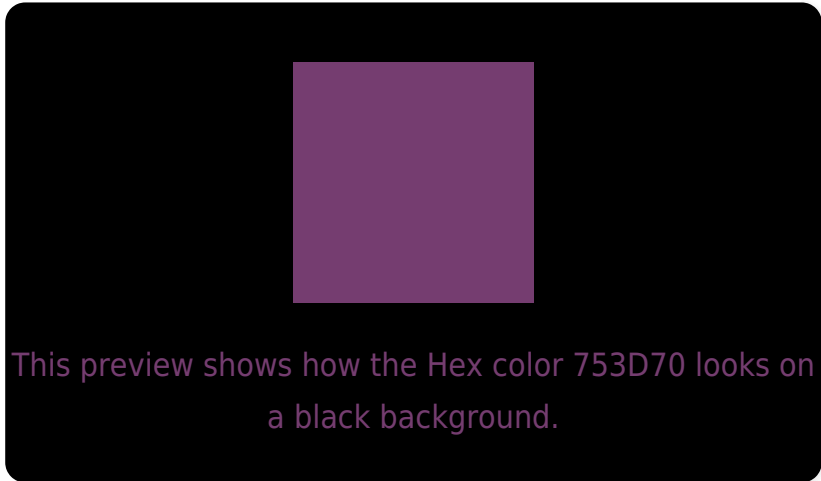
Large Text (above 18pt) WCAG AA ✓ Pass

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

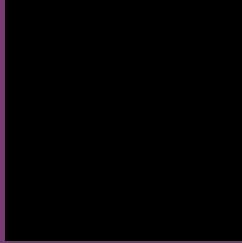
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753D70 Background



This preview shows how black text looks on a background with the Hex color 753D70.



This preview shows how white text looks on a background with the Hex color 753D70.

# 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**  
753D70

**Protanopia**  
415080

**Deuteranopia**  
4B516D



**Tritanopia**  
71464B

# Trichromacy



**Original Color**  
753D70

**Protanomaly**  
54497A

**Deuteranomaly**  
5A4A6E

**Tritanomaly**  
724358

# Monochromacy



**Original Color**  
753D70

**Achromatopsia**  
545454

**Achromatomaly**  
604C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753D70 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 #753D70 looks like.

```
.text, #text, p{  
    color:#753D70  
}
```

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 #753D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753D70
}
```

## Border

The CSS property to change the border of an element to Hex 753D70 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
#753D70 }
```

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

```
.border{ border-color:#753D70 }
```

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

Here you see how a box with a 4 pixel #753D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753D70; -webkit-box-shadow:4px 4px  
4px 4px #753D70; box-shadow:4px 4px 4px  
4px #753D70 }
```

# Background

The CSS property to change the background color of an element to Hex 753D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753D70 }
```

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

```
.background{ background-color:#753D70 }
```

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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