

Converting Colors

Hex(753961)

Have a look what the booklet for
Hex(753961) contains.

Hex(753961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(753961)

Conversions

Conversions Part 1

Format	Color
Hex	753961
RGB	117, 57, 97
RGB Percent	46%, 22%, 38%
CMY	0.5412, 0.7765, 0.6196
CMYK	0.00, 0.51, 0.17, 0.54
HSL	320°, 34%, 34%
HSV	320°, 51%, 46%
XYZ	10.9569, 7.5712, 12.1932
YIQ	79.5000, 22.9200, 25.1600

Conversions

Conversions Part 2

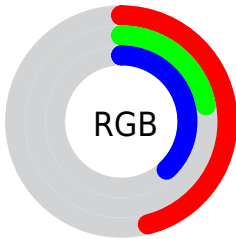
Format	Color
R_{YB}	117, 57, 97
Decimal	7682401
CIE _{Lab}	33.07, 31.82, -11.79
CIE _{LCh}	33, 33.935, 339.667
Yxy	7.5712, 0.3567, 0.2464
Android (android.graphics.Color)	4285872481 (0xFF753961)
YUV	79.5000, 8.6275, 32.8875
Hunter-Lab	27.5159, 22.9266, -7.0122




Details

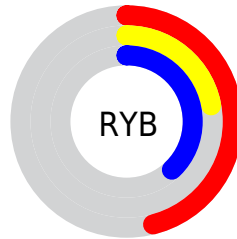
The Hex color **753961** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39754D**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **AB6A94**, and **420833** is the 20% darker color. If you saturate the color by 10%, you get **752D5D**, and if you desaturate by 10%, it is **754565**.

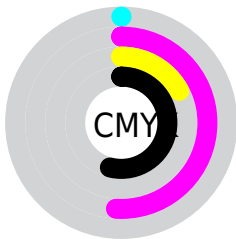
Distribution







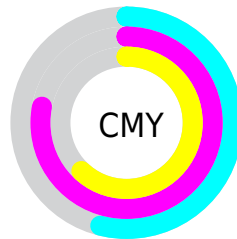
-  Red (46%)
-  Green (22%)
-  Blue (38%)






-  Red (46%)
-  Yellow (22%)
-  Blue (38%)



-  Cyan (0%)
-  Magenta (51%)
-  Yellow (17%)
-  Black (54%)



-  Cyan (54%)
-  Magenta (78%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753961 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 753961 by changing the saturation by 10% instead.

 753961

 753961

FFFFFF

 5B2149

 AB6A94

 420833

 C684AE

 2C001E

 E39FCA

 050000

 FFBAE6

 000000

 FFD6FF

 FFF3FF

 753961

 753961

 752D5D

 754565

 752259

 755069

 751655

 755C6D

 750A51

 756871

 75004E

 757475

 757F78

 758B7C

 759780

 75A284

Harmonies

Analogous

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



5B4377



753961



7F3646

Triad

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



753961



544F15



005A6F

Complementary

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



753961



39754D

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.



005B56



753961



375622

Square

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



753961



6B461A



015A3A



005680

Rectangle

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



753961



7E3935



015A3A



005B68

Sweetspot

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



753961



998291



4D3975



4D3F48



CCCCCC



4D4D4D

Same Dimension

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



753961



993A79



753943



3B3539



7A0052



FA00A7

Inverse Universe

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



753961



993A79



39756B



3B3539



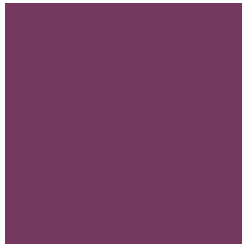
7A0052



FA00A7

Previews

White Background



This preview shows how the Hex color 753961 looks on a white background.

Color Contrast Check

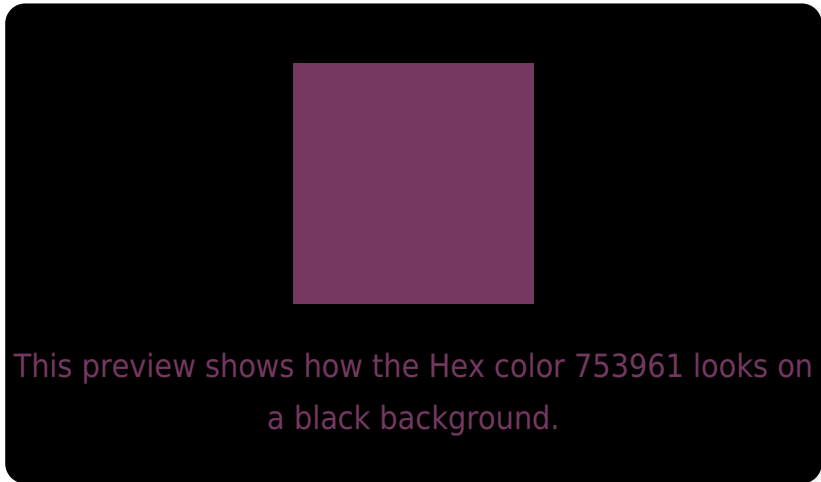
Large Text (above 18pt) WCAG AA ✓ Pass

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

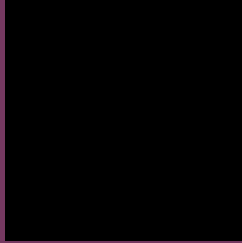
Any Text WCAG AA × Fail

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 753961 Background



This preview shows how black text looks on a background with the Hex color 753961.



This preview shows how white text looks on a background with the Hex color 753961.

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
723F44

Trichromacy



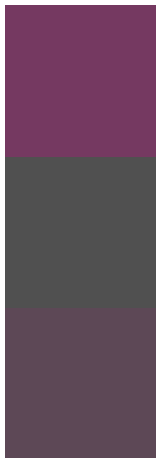
Original Color
753961

Protanomaly
55466B

Deuteranomaly
5C465F

Tritanomaly
733D4F

Monochromacy



Original Color
753961

Achromatopsia
505050

Achromatomaly
5D4856

CSS Examples

Text

The CSS property to change the color of the text to Hex 753961 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 #753961 looks like.

```
.text, #text, p{  
    color:#753961  
}
```

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 #753961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753961
}
```

Border

The CSS property to change the border of an element to Hex 753961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

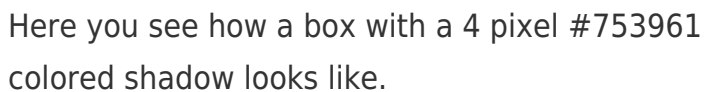
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753961 }
```

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

```
.border{ border-color:#753961 }
```

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



Here you see how a box with a 4 pixel #753961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753961; -webkit-box-shadow:4px 4px  
4px 4px #753961; box-shadow:4px 4px 4px  
4px #753961 }
```

Background

The CSS property to change the background color of an element to Hex 753961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753961 }
```

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

```
.background{ background-color:#753961 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor