

# Converting Colors

Hex(753B62)

Have a look what the booklet for  
Hex(753B62) contains.

<b>Hex(753B62)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(753B62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	753B62
RGB	117, 59, 98
RGB Percent	46%, 23%, 38%
CMY	0.5412, 0.7686, 0.6157
CMYK	0.00, 0.50, 0.16, 0.54
HSL	320°, 33%, 35%
HSV	320°, 50%, 46%
XYZ	11.1047, 7.7917, 12.4739
YIQ	80.7880, 22.0490, 24.4250

# Conversions

## Conversions Part 2

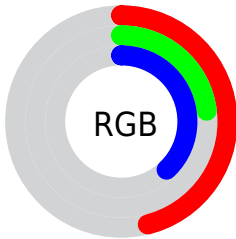
Format	Color
R <sub>Y</sub> B	117, 59, 98
Decimal	7682914
CIE Lab	33.55, 30.88, -11.71
CIE LCh	34, 33.023, 339.226
Yxy	7.7917, 0.3540, 0.2484
Android (android.graphics.Color)	4285872994 (0xFF753B62)
YUV	80.7880, 8.4855, 31.7579
Hunter-Lab	27.9136, 22.1628, -6.9558

# Details

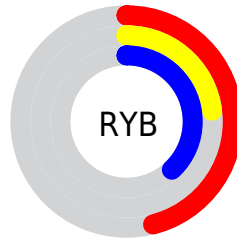
The Hex color **753B62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B754E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AB6C95**, and **430B33** is the 20% darker color. If you saturate the color by 10%, you get **752F5E**, and if you desaturate by 10%, it is **754766**.

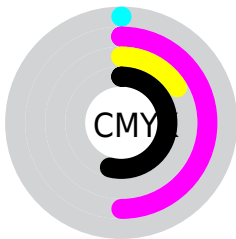
# Distribution



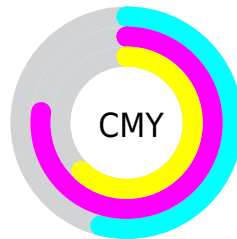
- Red (46%)
- Green (23%)
- Blue (38%)



- Red (46%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (54%)



- Cyan (54%)
- Magenta (77%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753B62 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 753B62 by changing the saturation by 10% instead.



 753B62

 753B62

FFFFFF

 5B234A

 AB6C95

 430B33

 C686AF

 2C001E

 E3A1CB

 070002

 FFBCE7

 000000

 FFD8FF

 FFF5FF

 753B62

 753B62

 752F5E

 754766

 75245A

 75526A

 751857

 755E6D

 750C53

 756A71

 75014F

 757675

 75004F

 758179

 758D7D

 759981

 75A484

# Harmonies

## Analogous

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



5B4578



753B62



7F3848

# Triad

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



753B62



565018



005B6F

# Complementary

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



753B62



3B754E

# 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.



005C56



753B62



3A5724

# Square

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



753B62



6C471D



0B5B3B



00577F

# Rectangle

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



753B62



7E3B37



0B5B3B



005B68



# Sweetspot

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



753B62



998291



4D3B75



4D3F48



CCCCCC



4D4D4D



# Same Dimension

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



753B62



993F7B



753B46



3B3539



7A0052



FA00A8



# Inverse Universe

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



753B62



993F7B



3B756A



3B3539



7A0052

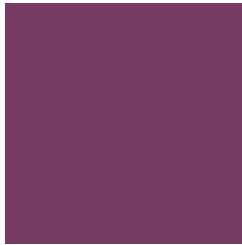


FA00A8



# Previews

## White Background



This preview shows how the Hex color 753B62 looks on a white background.

## Color Contrast Check

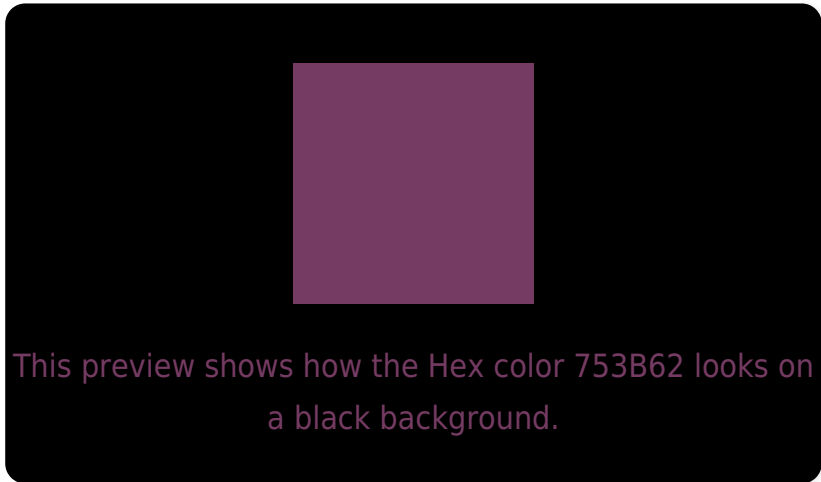
Large Text (above 18pt) WCAG AA ✓ Pass

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

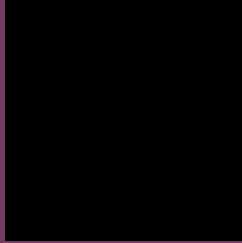
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753B62 Background



This preview shows how black text looks on a background with the Hex color 753B62.




This preview shows how white text looks on a background with the Hex color 753B62.

# 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**  
724146

# Trichromacy



**Original Color**

753B62

**Protanomaly**

56476B

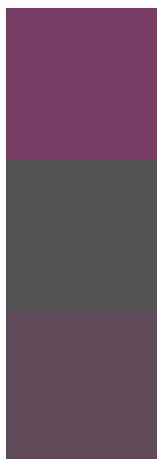
**Deuteranomaly**

5D4760

**Tritanomaly**

733F50

# Monochromacy



**Original Color**

753B62

**Achromatopsia**

515151

**Achromatomaly**

5E4957

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753B62 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 #753B62 looks like.

```
.text, #text, p{  
    color:#753B62  
}
```

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 #753B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753B62
}
```

## Border

The CSS property to change the border of an element to Hex 753B62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

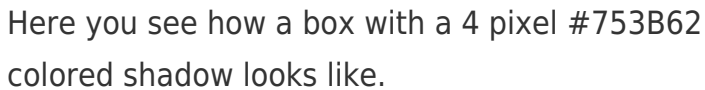
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753B62 }
```

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

```
.border{ border-color:#753B62 }
```

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



Here you see how a box with a 4 pixel `#753B62` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753B62; -webkit-box-shadow:4px 4px  
4px 4px #753B62; box-shadow:4px 4px 4px  
4px #753B62 }
```

# Background

The CSS property to change the background color of an element to Hex 753B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753B62 }
```

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

```
.background{ background-color:#753B62 }
```

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