

# Converting Colors

Hex(755262)

Have a look what the booklet for  
Hex(755262) contains.

<b>Hex(755262)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(755262)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755262
RGB	117, 82, 98
RGB Percent	46%, 32%, 38%
CMY	0.5412, 0.6784, 0.6157
CMYK	0.00, 0.30, 0.16, 0.54
HSL	333°, 18%, 39%
HSV	333°, 30%, 46%
XYZ	12.5580, 10.6983, 12.9584
YIQ	94.2890, 15.7240, 12.3960

# Conversions

## Conversions Part 2

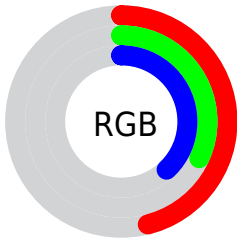
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 82, 98
Decimal	7688802
CIE <sub>Lab</sub>	39.07, 17.30, -3.43
CIE <sub>LCh</sub>	39, 17.639, 348.778
Yxy	10.6983, 0.3468, 0.2954
Android (android.graphics.Color)	4285878882 (0xFF755262)
YUV	94.2890, 1.8295, 19.9175
Hunter-Lab	32.7083, 11.2937, -0.5937

# Details

The Hex color **755262** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **527565**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AA8495**, and **442534** is the 20% darker color. If you saturate the color by 10%, you get **75465C**, and if you desaturate by 10%, it is **755E68**.

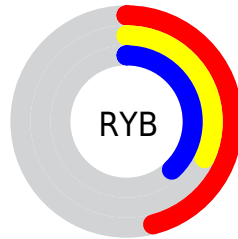
# Distribution



Red (46%)

Green (32%)

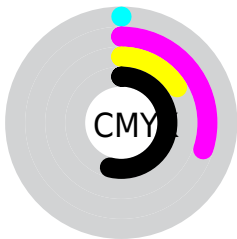
Blue (38%)



Red (46%)

Yellow (32%)

Blue (38%)

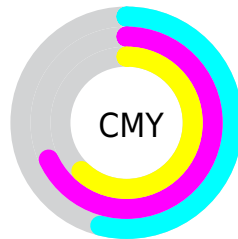


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (54%)



Cyan (54%)

Magenta (68%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755262 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 755262 by changing the saturation by 10% instead.





755262



755262

FFFFFF



5C3B4A



AA8495



442534



C59EAF



2D101F



E1B9CB



190005



FED5E7



000000



FFF1FF



755262



755262



75465C



755E68



753B55



75696F

 752F4F

 757575

 752349

 75817B

 751842

 758D82

 750C3C

 759888

 750036

 75A48E

 750035

 75B095

 75BB9B

# Harmonies

## Analogous

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



69556F



755262



795253

# Triad

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



755262



5D5E41



336271

# Complementary

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



755262



527565

# 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.



316465



755262



4D6249

# Square

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



755262



6B5940



3D6456



425F78

# Rectangle

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



755262



77534B



3D6456



31636D



# Sweetspot

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



755262



998B92



655275



4D4448



CCCCCC



4D4D4D



# Same Dimension

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



755262



99627B



755352



3B3537



7A0038



FA0072



# Inverse Universe

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



755262



99627B



527475



3B3537



7A0038

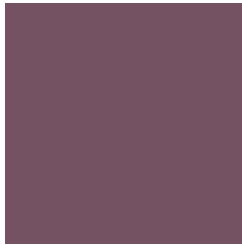


FA0072



# Previews

## White Background



This preview shows how the Hex color 755262 looks on a white background.

## Color Contrast Check

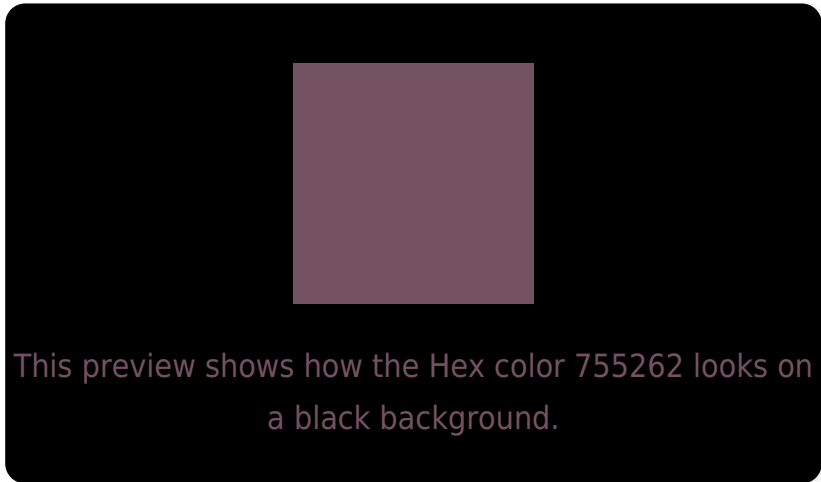
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

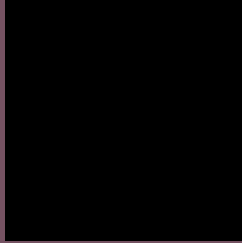
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755262 Background



This preview shows how black text looks on a background with the Hex color 755262.



This preview shows how white text looks on a background with the Hex color 755262.

# 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**  
755262

**Protanopia**  
5A5C68

**Deuteranopia**  
635A61



**Tritanopia**  
74535A

# Trichromacy



**Original Color**  
755262

**Protanomaly**  
645866

**Deuteranomaly**  
6A5761

**Tritanomaly**  
74535D

# Monochromacy



**Original Color**  
755262

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
665A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755262 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 #755262 looks like.

```
.text, #text, p{  
    color:#755262  
}
```

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 #755262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755262
}
```

## Border

The CSS property to change the border of an element to Hex 755262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

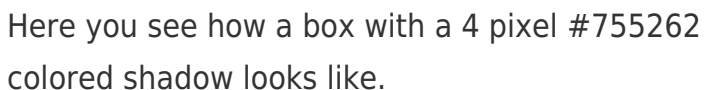
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755262 }
```

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

```
.border{ border-color:#755262 }
```

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



Here you see how a box with a 4 pixel #755262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755262; -webkit-box-shadow:4px 4px  
4px 4px #755262; box-shadow:4px 4px 4px  
4px #755262 }
```

# Background

The CSS property to change the background color of an element to Hex 755262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755262 }
```

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

```
.background{ background-color:#755262 }
```

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