

# Converting Colors

Hex(751C5A)

Have a look what the booklet for  
Hex(751C5A) contains.

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# Color

**Hex(751C5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	751C5A
RGB	117, 28, 90
RGB Percent	46%, 11%, 35%
CMY	0.5412, 0.8902, 0.6471
CMYK	0.00, 0.76, 0.23, 0.54
HSL	318°, 61%, 28%
HSV	318°, 76%, 46%
XYZ	9.5968, 5.3506, 10.1998
YIQ	61.6790, 33.1420, 38.1500

# Conversions

## Conversions Part 2

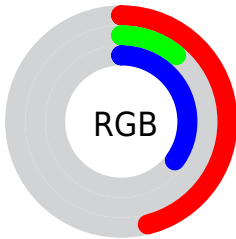
Format	Color
<b>R<sub>YB</sub></b>	117, 28, 90
Decimal	7674970
CIE <sub>Lab</sub>	27.71, 44.42, -15.47
CIE <sub>LCh</sub>	28, 47.033, 340.799
Yxy	5.3506, 0.3816, 0.2128
Android (android.graphics.Color)	4285865050 (0xFF751C5A)
YUV	61.6790, 13.9623, 48.5165
Hunter-Lab	23.1314, 33.5769, -9.9521

# Details

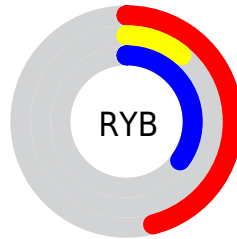
The Hex color **751C5A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1C7537**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AC518C**, and **41002C** is the 20% darker color. If you saturate the color by 10%, you get **751056**, and if you desaturate by 10%, it is **75285E**.

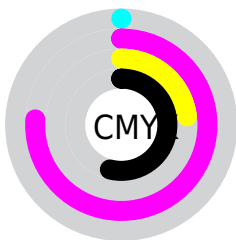
# Distribution



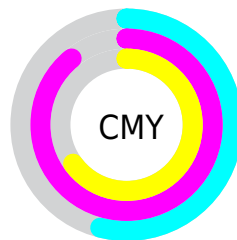
- Red (46%)
- Green (11%)
- Blue (35%)



- Red (46%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (23%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 751C5A 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 751C5A by changing the saturation by 10% instead.



 751C5A

 751C5A

FFFFFF

 5B0042

 AC518C

 41002C

 C86BA7

 2A0018

 E586C2

 000000

 FFA1DE

 FFBDF A

 FFD9FF

 FFF6FF

 751C5A

 751C5A

■ 751056

■ 75285E

■ 750553

■ 753361

■ 750052

■ 753F65

■ 754B68

■ 75576C

■ 75626F

■ 756E73

■ 757A76

■ 75857A

# Harmonies

## Analogous

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



523179



751C5A



801436

# Triad

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



751C5A



454400



005070

# Complementary

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



751C5A



1C7537

# 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.



00514E



751C5A



1A4C00

# Square

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



751C5A



633700



005028



004C86

# Rectangle

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



751C5A



7D1E1F



005028



005166



# Sweetspot

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



751C5A



99768E



371C75



4D3746



CCCCCC



4D4D4D



# Same Dimension

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



751C5A



990E6F



751C2E



3B3539



7A0055



FA00AE



# Inverse Universe

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



751C5A



990E6F



1C7563



3B3539



7A0055

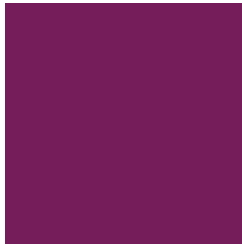


FA00AE



# Previews

## White Background



This preview shows how the Hex color 751C5A looks on a white background.

## Color Contrast Check

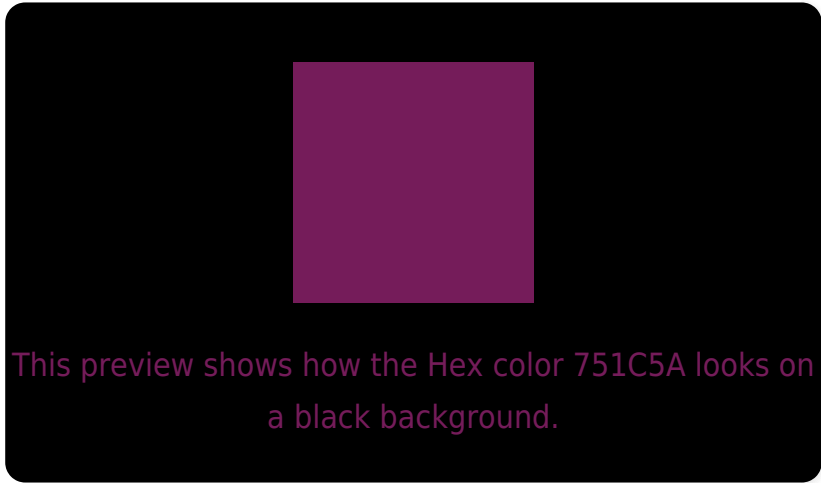
Large Text (above 18pt) WCAG AA ✓ Pass

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

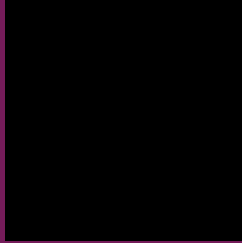
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 751C5A Background



This preview shows how black text looks on a background with the Hex color 751C5A.



This preview shows how white text looks on a background with the Hex color 751C5A.

# 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





# Trichromacy



**Original Color**  
751C5A

**Protanomaly**  
45346C

**Deuteranomaly**  
533457

**Tritanomaly**  
72263D

# Monochromacy



**Original Color**  
751C5A

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
523248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 751C5A 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 #751C5A looks like.

```
.text, #text, p{  
    color:#751C5A  
}
```

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 #751C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #751C5A
}
```

## Border

The CSS property to change the border of an element to Hex 751C5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

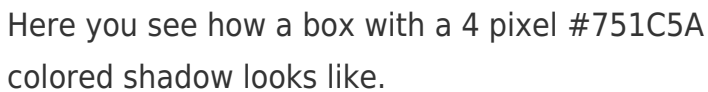
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#751C5A }
```

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

```
.border{ border-color:#751C5A }
```

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



Here you see how a box with a 4 pixel `#751C5A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #751C5A; -webkit-box-shadow:4px 4px  
4px 4px #751C5A; box-shadow:4px 4px 4px  
4px #751C5A }
```

# Background

The CSS property to change the background color of an element to Hex 751C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#751C5A }
```

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

```
.background{ background-color:#751C5A }
```

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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