

# Converting Colors

Hex(751475)

Have a look what the booklet for  
Hex(751475) contains.

<b>Hex(751475)</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(751475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	751475
RGB	117, 20, 117
RGB Percent	46%, 8%, 46%
CMY	0.5412, 0.9216, 0.5412
CMYK	0.00, 0.83, 0.00, 0.54
HSL	300°, 71%, 27%
HSV	300°, 83%, 46%
XYZ	10.7972, 5.5666, 17.3350
YIQ	60.0610, 26.6750, 50.7310

# Conversions

## Conversions Part 2

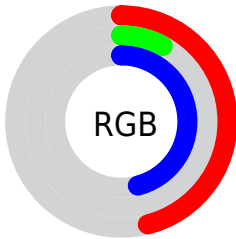
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 20, 117
Decimal	7672949
CIE <sub>Lab</sub>	28.29, 51.24, -32.03
CIE <sub>LCh</sub>	28, 60.431, 327.990
Yxy	5.5666, 0.3204, 0.1652
Android (android.graphics.Color)	4285863029 (0xFF751475)
YUV	60.0610, 28.0709, 49.9355
Hunter-Lab	23.5936, 40.3984, -27.0468

# Details

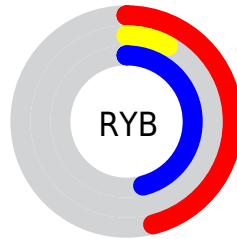
The Hex color **751475** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **147514**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AC4DAA**, and **400044** is the 20% darker color. If you saturate the color by 10%, you get **750875**, and if you desaturate by 10%, it is **752075**.

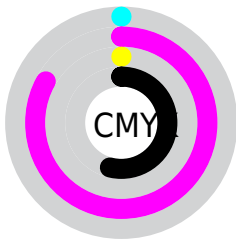
# Distribution



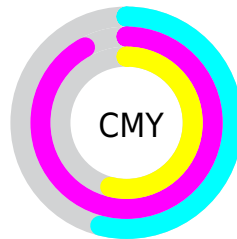
- Red (46%)
- Green (8%)
- Blue (46%)



- Red (46%)
- Yellow (8%)
- Blue (46%)



- Cyan (0%)
- Magenta (83%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (92%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 751475 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 751475 by changing the saturation by 10% instead.



 751475

 751475

FFFFFF

 5A005C

 AC4DAA

 400044

 C868C5

 2A002E

 E583E1

 000117

 FF9EFE

 000000

 FFBAFF

 FFD7FF

 FFF4FF

 751475

 751475

■ 750875

■ 752075

■ 750075

■ 752B75

■ 753775

■ 754375

■ 754F75

■ 755A75

■ 756675

■ 757275

■ 757D75

# Harmonies

## Analogous

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



2D3896



751475



8F0048

# Triad

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



751475



554000



00556E

# Complementary

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



751475



147514

# 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.



00553E



751475



274C00

# Square

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



751475



782A00



005208



005392

# Rectangle

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



751475



90002A



005208



00555E



# Sweetspot

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



751475



997399



141475



4D364D



CCCCCC



4D4D4D



# Same Dimension

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



751475



990299



751445



3B353B



7A007A



FA00FA



# Inverse Universe

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



751475



990299



147545



3B353B



7A007A

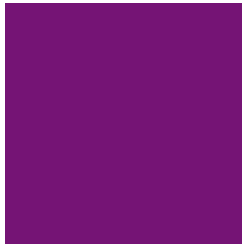


FA00FA



# Previews

## White Background



This preview shows how the Hex color 751475 looks on a white background.

## Color Contrast Check

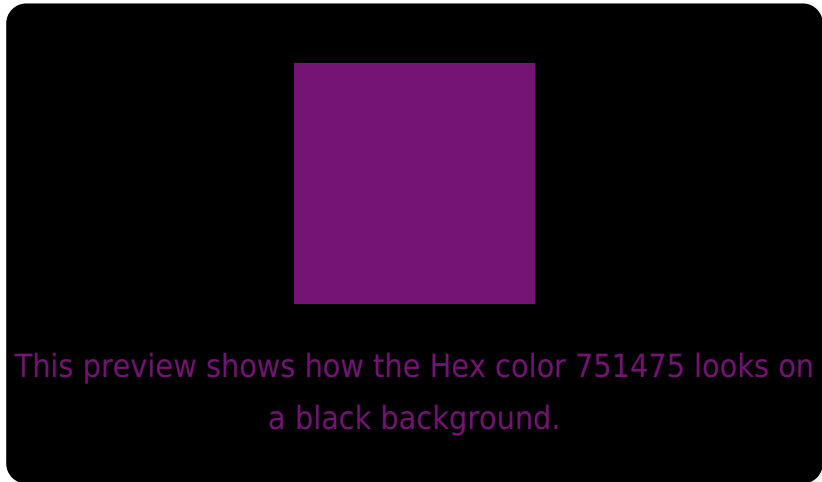
Large Text (above 18pt) WCAG AA ✓ Pass

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

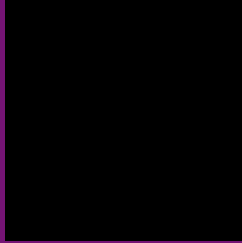
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 751475 Background



This preview shows how black text looks on a background with the Hex color 751475.

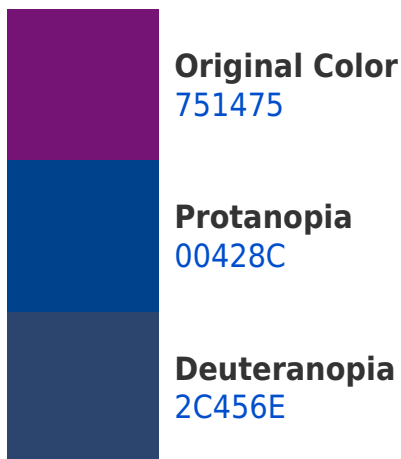



This preview shows how white text looks on a background with the Hex color 751475.

# 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**  
6E3134

# Trichromacy



**Original Color**  
751475

**Protanomaly**  
2B3184

**Deuteranomaly**  
473371

**Tritanomaly**  
71264C

# Monochromacy



**Original Color**  
751475

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
512D51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 751475 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 #751475 looks like.

```
.text, #text, p{  
  color:#751475  
}
```

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 #751475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #751475
}
```

## Border

The CSS property to change the border of an element to Hex 751475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

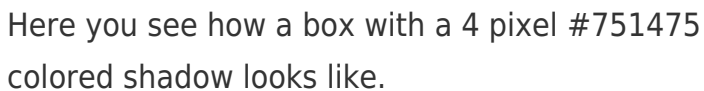
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#751475 }
```

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

```
.border{ border-color:#751475 }
```

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



Here you see how a box with a 4 pixel #751475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #751475; -webkit-box-shadow:4px 4px  
4px 4px #751475; box-shadow:4px 4px 4px  
4px #751475 }
```

# Background

The CSS property to change the background color of an element to Hex 751475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#751475 }
```

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

```
.background{ background-color:#751475 }
```

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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