

# Converting Colors

Hex(752777)

Have a look what the booklet for  
Hex(752777) contains.

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# Color

**Hex(752777)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752777
RGB	117, 39, 119
RGB Percent	46%, 15%, 47%
CMY	0.5412, 0.8471, 0.5333
CMYK	0.02, 0.67, 0.00, 0.53
HSL	298°, 51%, 31%
HSV	298°, 67%, 47%
XYZ	11.3914, 6.5649, 18.1195
YIQ	71.4420, 20.8080, 41.4160

# Conversions

## Conversions Part 2

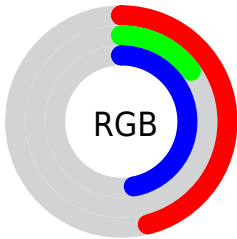
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 39, 119
Decimal	7677815
CIE <sub>Lab</sub>	30.80, 44.82, -29.33
CIE <sub>LCh</sub>	31, 53.559, 326.800
Yxy	6.5649, 0.3158, 0.1820
Android (android.graphics.Color)	4285867895 (0xFF752777)
YUV	71.4420, 23.4461, 39.9544
Hunter-Lab	25.6220, 34.5218, -23.9937

# Details

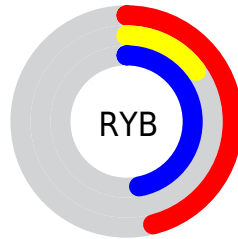
The Hex color **752777** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **297727**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AB5BAC**, and **410046** is the 20% darker color. If you saturate the color by 10%, you get **751B77**, and if you desaturate by 10%, it is **753377**.

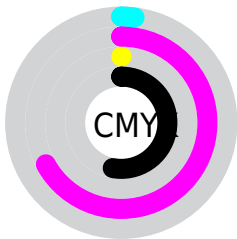
# Distribution



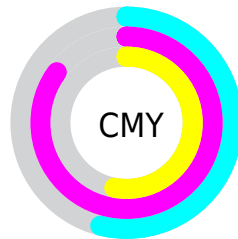
- Red (46%)
- Green (15%)
- Blue (47%)



- Red (46%)
- Yellow (15%)
- Blue (47%)



- Cyan (2%)
- Magenta (67%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (85%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752777 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 752777 by changing the saturation by 10% instead.



 752777

 752777

FFFFFF

 5B085E

 AB5BAC

 410046

 C875C7

 2C002F

 E48FE3

 000019

 FFABFF

 000000

 FFC7FF

 FFE3FF

 752777

 752777

 751B77

 753377

740F77

763F77

740377

764B77

740077

765777

766377

776E77

777A77

778677

789277

# Harmonies

## Analogous

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



383F94



752777



8E0D4F

# Triad

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



752777



5D4500



005A6D

# Complementary

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



752777



297727

# 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.



005A43



752777



355100

# Square

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



752777



7C3300



005715



00588F

# Rectangle

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



752777



901133



005715



005A60



# Sweetspot

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



752777



9B7C9C



272A77



4F3C4F



CFCFCF



4F4F4F



# Same Dimension

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



752777



981E9C



772752



3B353B



77007A



F400FA



# Inverse Universe

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



772729



9C1E21



27774C



3B3535



7A0003



FA0006



# Previews

## White Background



This preview shows how the Hex color 752777 looks on a white background.

## Color Contrast Check

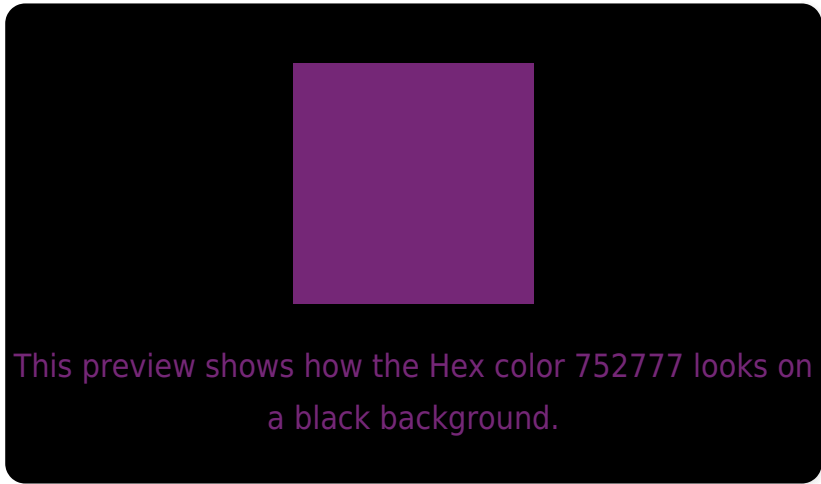
Large Text (above 18pt) WCAG AA ✓ Pass

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

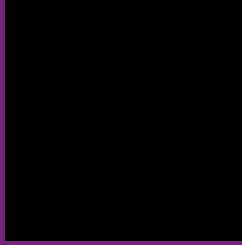
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752777 Background



This preview shows how black text looks on a background with the Hex color 752777.




This preview shows how white text looks on a background with the Hex color 752777.

# 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**  
6E393D

# Trichromacy



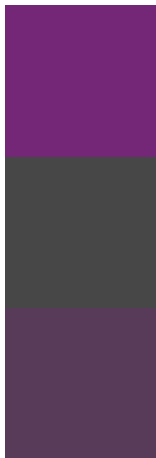
**Original Color**  
752777

**Protanomaly**  
343B8A

**Deuteranomaly**  
4C3D73

**Tritanomaly**  
713252

# Monochromacy



**Original Color**  
752777

**Achromatopsia**  
474747

**Achromatomaly**  
583B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752777 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 #752777 looks like.

```
.text, #text, p{  
    color:#752777  
}
```

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 #752777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752777
}
```

## Border

The CSS property to change the border of an element to Hex 752777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

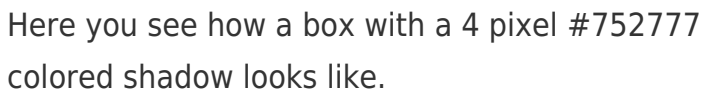
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752777 }
```

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

```
.border{ border-color:#752777 }
```

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



Here you see how a box with a 4 pixel #752777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752777; -webkit-box-shadow:4px 4px  
4px 4px #752777; box-shadow:4px 4px 4px  
4px #752777 }
```

# Background

The CSS property to change the background color of an element to Hex 752777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752777 }
```

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

```
.background{ background-color:#752777 }
```

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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