

# Converting Colors

Hex(77225D)

Have a look what the booklet for  
Hex(77225D) contains.

<b>Hex(77225D)</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(77225D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77225D
RGB	119, 34, 93
RGB Percent	47%, 13%, 36%
CMY	0.5333, 0.8667, 0.6353
CMYK	0.00, 0.71, 0.22, 0.53
HSL	318°, 56%, 30%
HSV	318°, 71%, 47%
XYZ	10.1556, 5.8563, 10.9510
YIQ	66.1410, 31.7210, 36.3690

# Conversions

## Conversions Part 2

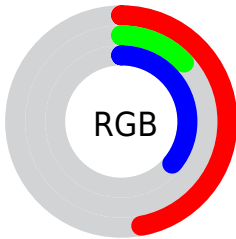
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 34, 93
Decimal	7807581
CIE Lab	29.05, 43.09, -15.34
CIE LCh	29, 45.742, 340.402
Yxy	5.8563, 0.3766, 0.2172
Android (android.graphics.Color)	4285997661 (0xFF77225D)
YUV	66.1410, 13.2415, 46.3573
Hunter-Lab	24.1998, 32.5587, -9.8904

# Details

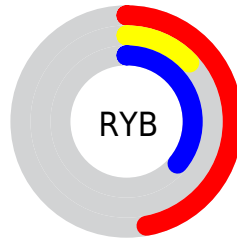
The Hex color **77225D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22773C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AE568F**, and **43002F** is the 20% darker color. If you saturate the color by 10%, you get **771659**, and if you desaturate by 10%, it is **772E61**.

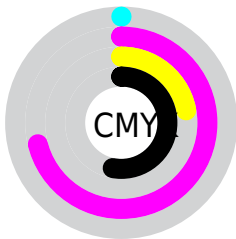
# Distribution



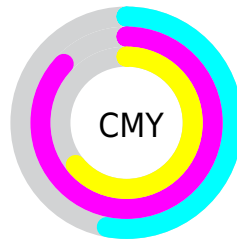
- Red (47%)
- Green (13%)
- Blue (36%)



- Red (47%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77225D 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 77225D by changing the saturation by 10% instead.



 77225D

 77225D

FFFFFF

 5D0145

 AE568F

 43002F

 CA70AA

 2D001B

 E78BC5

 000000

 FFA6E1

 FFC2FE

 FFDEFF

 FFFBFF

 77225D

 77225D

■ 771659

■ 772E61

■ 770A56

■ 773A64

■ 770053

■ 774668

■ 77526C

■ 775E6F

■ 776973

■ 777576

■ 77817A

■ 778D7E

# Harmonies

## Analogous

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



54357B



77225D



821B3A

# Triad

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



77225D



494700



005372

# Complementary

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



77225D



22773C

# 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.



005450



77225D



204F04

# Square

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



77225D



663A00



00532B



004F87

# Rectangle

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



77225D



7F2323



00532B



005468



# Sweetspot

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



77225D



9C7B92



3B2277



4F3B49



CFCFCF



4F4F4F



# Same Dimension

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



77225D



9C1673



772233



3B3539



7A0055



FA00AD



# Inverse Universe

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



77225D



9C1673



227766



3B3539



7A0055

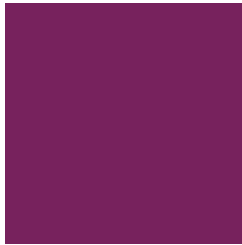


FA00AD



# Previews

## White Background



This preview shows how the Hex color 77225D looks on a white background.

## Color Contrast Check

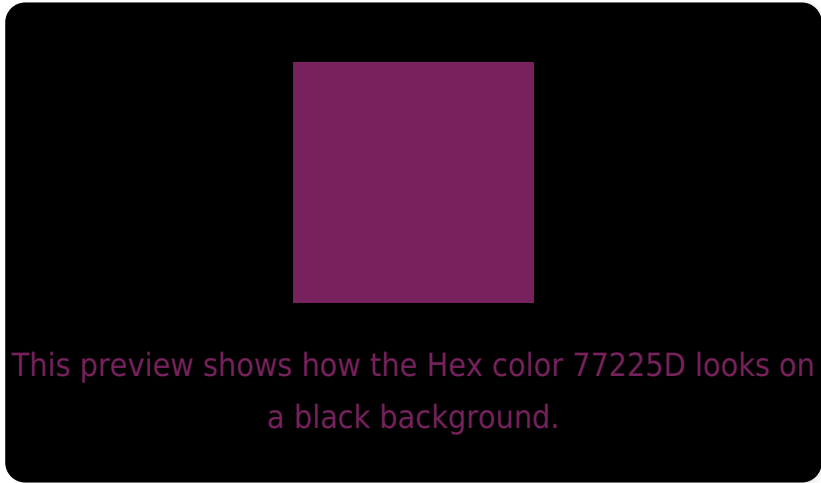
Large Text (above 18pt) WCAG AA ✓ Pass

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

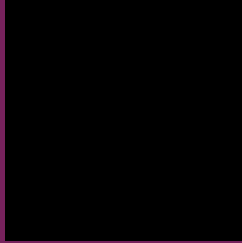
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77225D Background



This preview shows how black text looks on a background with the Hex color 77225D.



This preview shows how white text looks on a background with the Hex color 77225D.

# 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**  
732F32

# Trichromacy



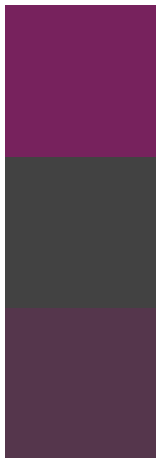
**Original Color**  
77225D

**Protanomaly**  
49386E

**Deuteranomaly**  
56385A

**Tritanomaly**  
742A42

# Monochromacy



**Original Color**  
77225D

**Achromatopsia**  
424242

**Achromatomaly**  
55364C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77225D 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 #77225D looks like.

```
.text, #text, p{  
    color:#77225D  
}
```

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 #77225D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77225D
}
```

## Border

The CSS property to change the border of an element to Hex 77225D is called "border". The border property can be set on classes, ids or directly on the HTML element.

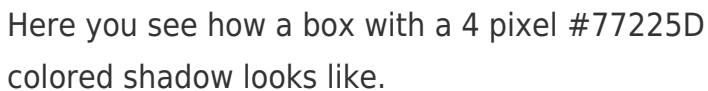
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77225D }
```

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

```
.border{ border-color:#77225D }
```

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



Here you see how a box with a 4 pixel `#77225D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77225D; -webkit-box-shadow:4px 4px  
4px 4px #77225D; box-shadow:4px 4px 4px  
4px #77225D }
```

# Background

The CSS property to change the background color of an element to Hex 77225D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77225D }
```

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

```
.background{ background-color:#77225D }
```

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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