

# Converting Colors

Hex(7D3677)

Have a look what the booklet for  
Hex(7D3677) contains.

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# Color

**Hex(7D3677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3677
RGB	125, 54, 119
RGB Percent	49%, 21%, 47%
CMY	0.5098, 0.7882, 0.5333
CMYK	0.00, 0.57, 0.05, 0.51
HSL	305°, 40%, 35%
HSV	305°, 57%, 49%
XYZ	13.1064, 8.3302, 18.3699
YIQ	82.6390, 21.4510, 35.2670

# Conversions

## Conversions Part 2

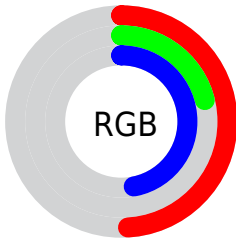
Format	Color
R <sub>Y</sub> B	125, 54, 119
Decimal	8205943
CIE Lab	34.66, 39.95, -23.17
CIE LCh	35, 46.179, 329.891
Yxy	8.3302, 0.3293, 0.2093
Android (android.graphics.Color)	4286396023 (0xFF7D3677)
YUV	82.6390, 17.9260, 37.1506
Hunter-Lab	28.8621, 30.5488, -17.5328

# Details

The Hex color **7D3677** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **367D3C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B369AB**, and **490046** is the 20% darker color. If you saturate the color by 10%, you get **7D2976**, and if you desaturate by 10%, it is **7D4378**.

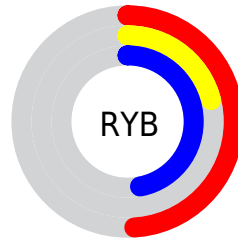
# Distribution



Red (49%)

Green (21%)

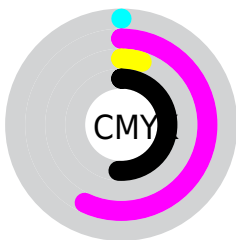
Blue (47%)



Red (49%)

Yellow (21%)

Blue (47%)

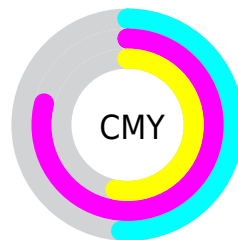


Cyan (0%)

Magenta (57%)

Yellow (5%)

Black (51%)



Cyan (51%)

Magenta (79%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3677 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 7D3677 by changing the saturation by 10% instead.



7D3677

7D3677

FFFFFF

631C5E

B369AB

490046

D083C7

310030

ED9DE3

17001A

FFB9FF

000000

FFD5FF

FFF2FF

7D3677

7D3677

7D2976

7D4378

■ 7D1D75

■ 7D4F79

■ 7D1074

■ 7D5C7A

■ 7D0473

■ 7D687B

■ 7D0072

■ 7D747C

■ 7D817D

■ 7D8D7E

■ 7D9A7F

■ 7DA681

# Harmonies

## Analogous

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



4F4892



7D3677



912A53

# Triad

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



7D3677



635000



006275

# Complementary

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



7D3677



367D3C

# 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.



006250



7D3677



3E5A05

# Square

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



7D3677



7F410E



00602A



005E91

# Rectangle

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



7D3677



922D3B



00602A



00626A



# Sweetspot

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



7D3677



A387A1



3C367D



524150



D1D1D1



525252



# Same Dimension

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



7D3677



A3349A



7D3654



40393F



800075



000000



# Inverse Universe

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



7D3677



A3349A



367D5F



40393F



800075

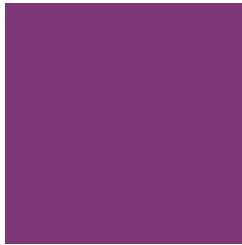


000000



# Previews

## White Background



This preview shows how the Hex color 7D3677 looks on a white background.

## Color Contrast Check

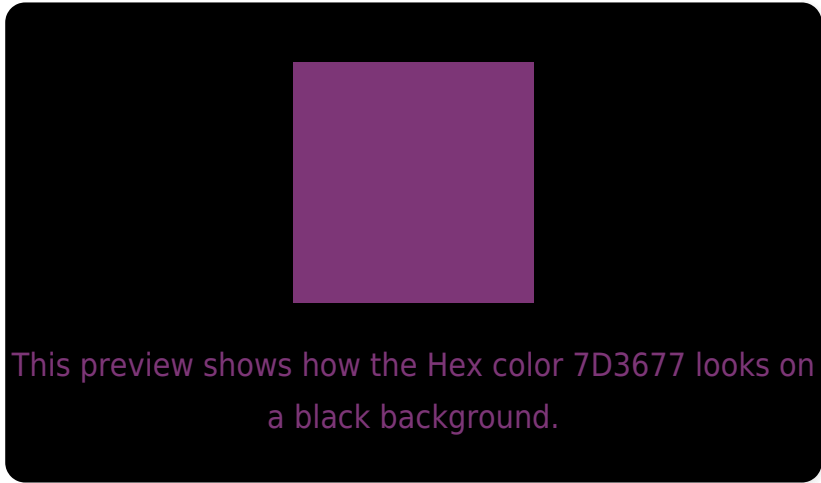
Large Text (above 18pt) WCAG AA ✓ Pass

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

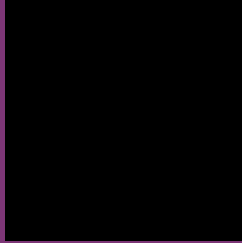
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D3677 Background



This preview shows how black text looks on a background with the Hex color 7D3677.



This preview shows how white text looks on a background with the Hex color 7D3677.

# 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**  
7D3677

**Protanopia**  
37508E

**Deuteranopia**  
475172



**Tritanopia**  
784247

# Trichromacy



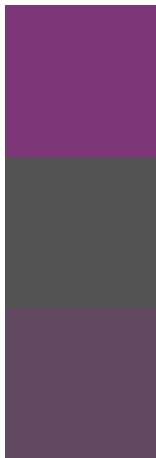
**Original Color**  
7D3677

**Protanomaly**  
504786

**Deuteranomaly**  
5B4774

**Tritanomaly**  
7A3E58

# Monochromacy



**Original Color**  
7D3677

**Achromatopsia**  
535353

**Achromatomaly**  
624860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3677 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 #7D3677 looks like.

```
.text, #text, p{  
    color:#7D3677  
}
```

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 #7D3677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3677  
}
```

## Border

The CSS property to change the border of an element to Hex 7D3677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

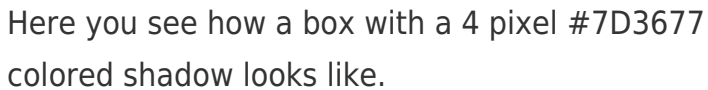
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7D3677 }
```

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

```
.border{ border-color:#7D3677 }
```

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



Here you see how a box with a 4 pixel #7D3677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3677; -webkit-box-shadow:4px 4px  
4px 4px #7D3677; box-shadow:4px 4px 4px  
4px #7D3677 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3677 }
```

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

```
.background{ background-color:#7D3677 }
```

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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