

# Converting Colors

Hex(7D3E78)

Have a look what the booklet for  
Hex(7D3E78) contains.

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# Color

**Hex(7D3E78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3E78
RGB	125, 62, 120
RGB Percent	49%, 24%, 47%
CMY	0.5098, 0.7569, 0.5294
CMYK	0.00, 0.50, 0.04, 0.51
HSL	305°, 34%, 37%
HSV	305°, 50%, 49%
XYZ	13.5702, 9.1613, 18.8224
YIQ	87.4490, 18.9300, 31.3940

# Conversions

## Conversions Part 2

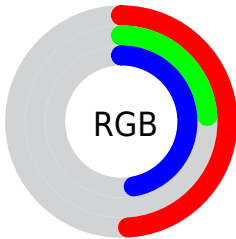
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 62, 120
Decimal	8207992
CIELab	36.29, 35.93, -21.25
CIElCh	36, 41.743, 329.394
Yxy	9.1613, 0.3266, 0.2205
Android (android.graphics.Color)	4286398072 (0xFF7D3E78)
YUV	87.4490, 16.0476, 32.9322
Hunter-Lab	30.2676, 27.0607, -15.6830

# Details

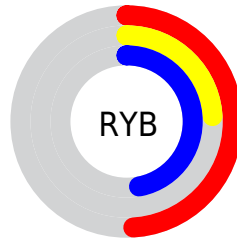
The Hex color **7D3E78** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E7D43**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B370AC**, and **4A0B47** is the 20% darker color. If you saturate the color by 10%, you get **7D3277**, and if you desaturate by 10%, it is **7D4B79**.

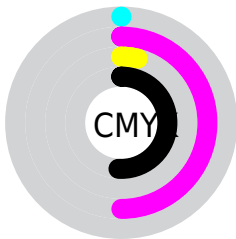
# Distribution



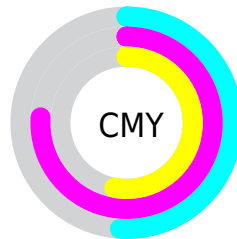
- Red (49%)
- Green (24%)
- Blue (47%)



- Red (49%)
- Yellow (24%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3E78 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 7D3E78 by changing the saturation by 10% instead.



 7D3E78

 7D3E78

FFFFFF

 63265F

 B370AC

 4A0B47

 CF8AC8

 320031

 ECA5E4

 1A001B

 FFC1FF

 000000

 FFDDFF

 FFFAFF

 7D3E78

 7D3E78

 7D3277

 7D4B79

 7D2576

 7D577A

 7D1875

 7D647B

 7D0C74

 7D707C

 7D0073

 7D7D7D

 7D897E

 7D957F

 7DA280

 7DAE81

# Harmonies

## Analogous

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



544D90



7D3E78



903557

# Triad

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



7D3E78



675408



006575

# Complementary

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



7D3E78



3E7D43

# 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.



006554



7D3E78



465D15

# Square

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



7D3E78



81471A



0E6331



00618F

# Rectangle

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



7D3E78



923741



0E6331



00656B



# Sweetspot

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



7D3E78



A38BA1



423E7D



524350



D1D1D1



525252



# Same Dimension

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



7D3E78



A3419B



7D3E59



40393F



800075



000000



# Inverse Universe

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



7D3E78



A3419B



3E7D62



40393F



800075

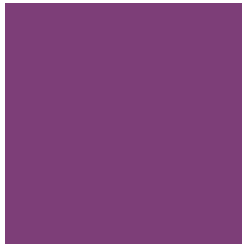


000000



# Previews

## White Background



This preview shows how the Hex color 7D3E78 looks on a white background.

## Color Contrast Check

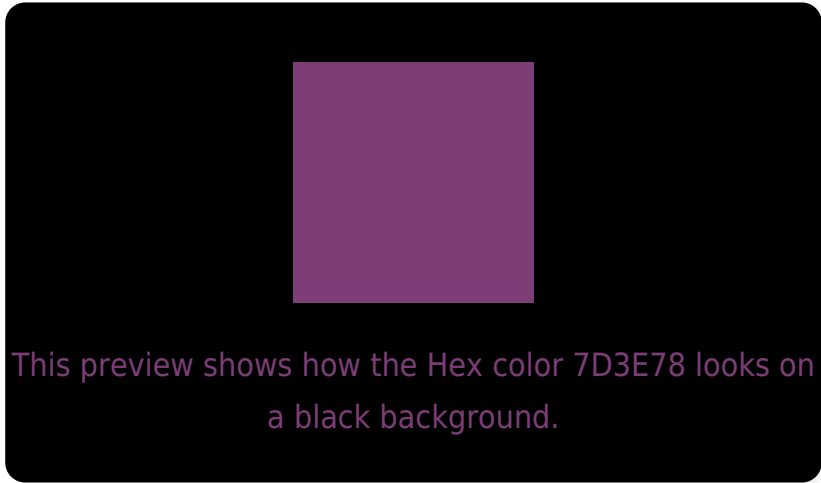
Large Text (above 18pt) WCAG AA ✓ Pass

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

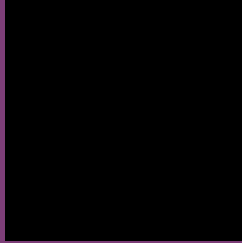
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D3E78 Background



This preview shows how black text looks on a background with the Hex color 7D3E78.



This preview shows how white text looks on a background with the Hex color 7D3E78.

# 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**  
7D3E78

**Protanopia**  
41548A

**Deuteranopia**  
4D5574



**Tritanopia**  
78484D

# Trichromacy



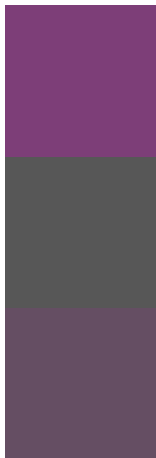
**Original Color**  
7D3E78

**Protanomaly**  
574C83

**Deuteranomaly**  
5E4D75

**Tritanomaly**  
7A445D

# Monochromacy



**Original Color**  
7D3E78

**Achromatopsia**  
575757

**Achromatomaly**  
654E63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3E78 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 #7D3E78 looks like.

```
.text, #text, p{  
    color:#7D3E78  
}
```

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 #7D3E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3E78
}
```

## Border

The CSS property to change the border of an element to Hex 7D3E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

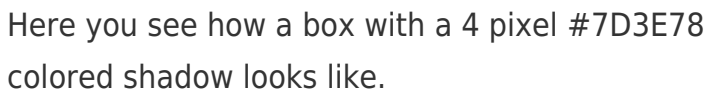
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D3E78 }
```

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

```
.border{ border-color:#7D3E78 }
```

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



Here you see how a box with a 4 pixel #7D3E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3E78; -webkit-box-shadow:4px 4px  
4px 4px #7D3E78; box-shadow:4px 4px 4px  
4px #7D3E78 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3E78 }
```

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

```
.background{ background-color:#7D3E78 }
```

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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