

# Converting Colors

Hex(7F3375)

Have a look what the booklet for  
Hex(7F3375) contains.

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# Color

**Hex(7F3375)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F3375
RGB	127, 51, 117
RGB Percent	50%, 20%, 46%
CMY	0.5020, 0.8000, 0.5412
CMYK	0.00, 0.60, 0.08, 0.50
HSL	308°, 43%, 35%
HSV	308°, 60%, 50%
XYZ	13.1471, 8.1640, 17.7125
YIQ	81.2480, 24.1100, 36.6380

# Conversions

## Conversions Part 2

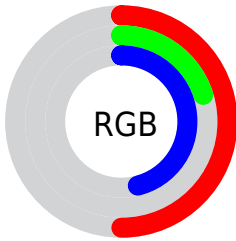
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 51, 117
Decimal	8336245
CIE <sub>Lab</sub>	34.32, 41.68, -22.42
CIE <sub>LCh</sub>	34, 47.323, 331.727
Yxy	8.1640, 0.3369, 0.2092
Android (android.graphics.Color)	4286526325 (0xFF7F3375)
YUV	81.2480, 17.6257, 40.1245
Hunter-Lab	28.5728, 32.1303, -16.7534

# Details

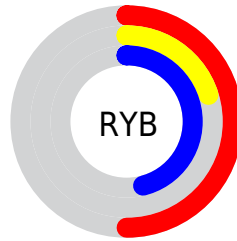
The Hex color **7F3375** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **337F3D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B666A9**, and **4B0044** is the 20% darker color. If you saturate the color by 10%, you get **7F2673**, and if you desaturate by 10%, it is **7F4077**.

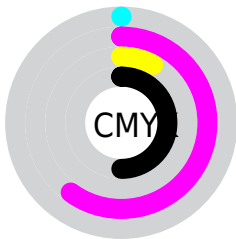
# Distribution



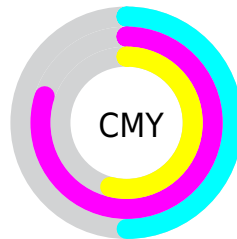
- Red (50%)
- Green (20%)
- Blue (46%)



- Red (50%)
- Yellow (20%)
- Blue (46%)



- Cyan (0%)
- Magenta (60%)
- Yellow (8%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F3375 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 7F3375 by changing the saturation by 10% instead.



7F3375

7F3375

FFFFFF

65195C

B666A9

4B0044

D280C5

33002E

EF9BE1

180019

FFB6FD

000000

FFD3FF

FFEFFF

7F3375

7F3375

7F2673

7F4077

 7F1A72

 7F4C78

 7F0D70

 7F597A

 7F006E

 7F667C

 7F737D

 7F7F7F

 7F8C81

 7F9982

 7FA584

# Harmonies

## Analogous

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



524691



7F3375



922850

# Triad

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



7F3375



605000



006177

# Complementary

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



7F3375



337F3D

# 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.



006252



7F3375



3A5A03

# Square

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



7F3375



7D4108



005F2B



005E93

# Rectangle

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



7F3375



922B37



005F2B



00626C



# Sweetspot

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



7F3375



A688A2



3C337F



544252



D4D4D4



545454



# Same Dimension

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



7F3375



A62E96



7F3350



40393F



80006F



000000



# Inverse Universe

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



7F3375



A62E96



337F62



40393F



80006F



000000



# Previews

## White Background



This preview shows how the Hex color 7F3375 looks on a white background.

## Color Contrast Check

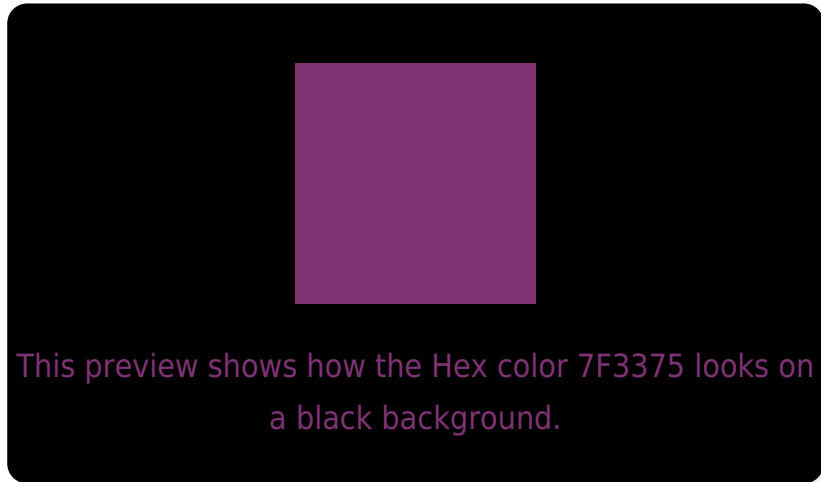
Large Text (above 18pt) WCAG AA ✓ Pass

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

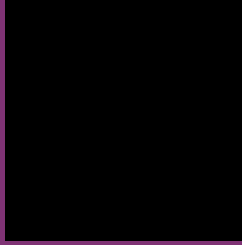
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F3375 Background



This preview shows how black text looks on a background with the Hex color 7F3375.



This preview shows how white text looks on a background with the Hex color 7F3375.

# 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**  
7A4044

# Trichromacy



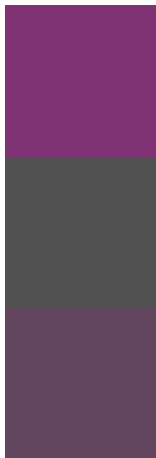
**Original Color**  
7F3375

**Protanomaly**  
514584

**Deuteranomaly**  
5C4572

**Tritanomaly**  
7C3B56

# Monochromacy



**Original Color**  
7F3375

**Achromatopsia**  
515151

**Achromatomaly**  
62465E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F3375 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 #7F3375 looks like.

```
.text, #text, p{  
    color:#7F3375  
}
```

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 #7F3375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3375
}
```

## Border

The CSS property to change the border of an element to Hex 7F3375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

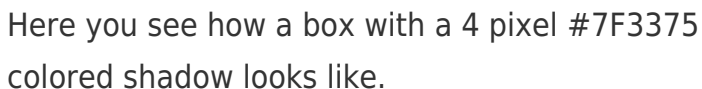
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3375 }
```

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

```
.border{ border-color:#7F3375 }
```

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



Here you see how a box with a 4 pixel #7F3375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3375; -webkit-box-shadow:4px 4px  
4px 4px #7F3375; box-shadow:4px 4px 4px  
4px #7F3375 }
```

# Background

The CSS property to change the background color of an element to Hex 7F3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3375 }
```

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

```
.background{ background-color:#7F3375 }
```

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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