

# Converting Colors

Hex(7B4376)

Have a look what the booklet for  
Hex(7B4376) contains.

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# Color

**Hex(7B4376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4376
RGB	123, 67, 118
RGB Percent	48%, 26%, 46%
CMY	0.5176, 0.7373, 0.5373
CMYK	0.00, 0.46, 0.04, 0.52
HSL	305°, 29%, 37%
HSV	305°, 46%, 48%
XYZ	13.4455, 9.5333, 18.2710
YIQ	89.5580, 17.0050, 27.7330

# Conversions

## Conversions Part 2

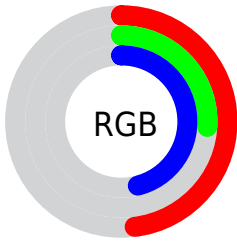
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 67, 118
Decimal	8078198
CIE Lab	36.99, 32.11, -18.95
CIE LCh	37, 37.288, 329.457
Yxy	9.5333, 0.3260, 0.2311
Android (android.graphics.Color)	4286268278 (0xFF7B4376)
YUV	89.5580, 14.0219, 29.3286
Hunter-Lab	30.8760, 23.6983, -13.4719

# Details

The Hex color **7B4376** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **437B48**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B175AA**, and **481345** is the 20% darker color. If you saturate the color by 10%, you get **7B3775**, and if you desaturate by 10%, it is **7B4F77**.

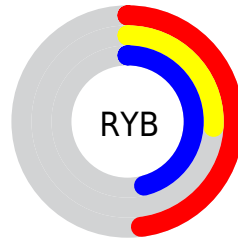
# Distribution



Red (48%)

Green (26%)

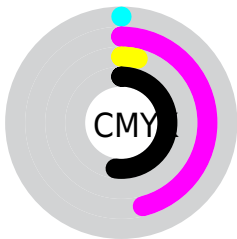
Blue (46%)



Red (48%)

Yellow (26%)

Blue (46%)

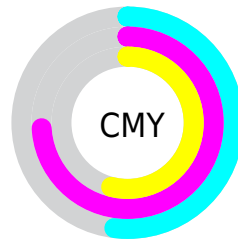


Cyan (0%)

Magenta (46%)

Yellow (4%)

Black (52%)



Cyan (52%)

Magenta (74%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4376 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 7B4376 by changing the saturation by 10% instead.



 7B4376

 7B4376

FFFFFF

 612B5D

 B175AA

 481345

 CD8FC6

 30002F

 E9AAE2

 1A001A

 FFC5FE

 000000

 FFE2FF

 7B4376

 7B4376

 7B3775

 7B4F77

 7B2A74

 7B5C78

 7B1E73

 7B6879

 7B1272

 7B747A

 7B0571

 7B817B

 7B0070

 7B8D7D

 7B997E

 7BA57F

 7BB280

# Harmonies

## Analogous

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



574F8B



7B4376



8C3C59

# Triad

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



7B4376



685517



006574

# Complementary

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



7B4376



437B48

# 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.



006656



7B4376



4A5E1F

# Square

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



7B4376



7F4A23



1F6337



00628A

# Rectangle

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



7B4376



8E3D45



1F6337



00666A



# Sweetspot

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



7B4376



A18A9F



48437B



524450



D1D1D1



525252



# Same Dimension

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



7B4376



A14899



7B435A



3D373D



7D0072



FC00E6



# Inverse Universe

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



7B4376



A14899



437B64



3D373D



7D0072



FC00E6



# Previews

## White Background



This preview shows how the Hex color 7B4376 looks on a white background.

## Color Contrast Check

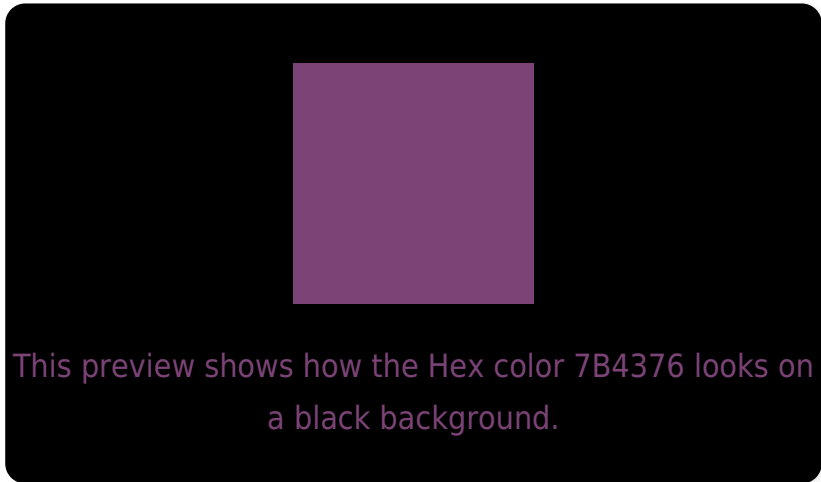
Large Text (above 18pt) WCAG AA ✓ Pass

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

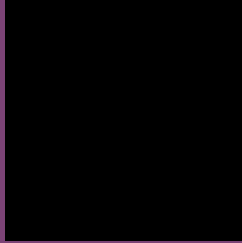
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B4376 Background



This preview shows how black text looks on a background with the Hex color 7B4376.



This preview shows how white text looks on a background with the Hex color 7B4376.

# 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**  
774B51

# Trichromacy



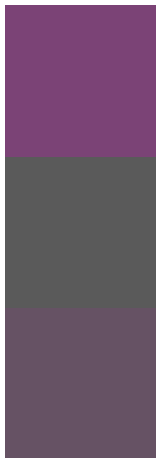
**Original Color**  
7B4376

**Protanomaly**  
5A4F80

**Deuteranomaly**  
604F74

**Tritanomaly**  
78485E

# Monochromacy



**Original Color**  
7B4376

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
665264

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4376 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 #7B4376 looks like.

```
.text, #text, p{  
    color:#7B4376  
}
```

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 #7B4376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4376
}
```

## Border

The CSS property to change the border of an element to Hex 7B4376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

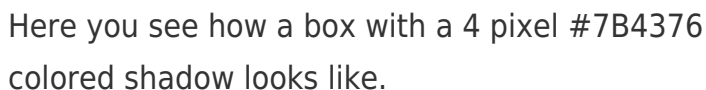
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4376 }
```

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

```
.border{ border-color:#7B4376 }
```

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



Here you see how a box with a 4 pixel #7B4376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4376; -webkit-box-shadow:4px 4px  
4px 4px #7B4376; box-shadow:4px 4px 4px  
4px #7B4376 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4376 }
```

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

```
.background{ background-color:#7B4376 }
```

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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