

# Converting Colors

Hex(76347B)

Have a look what the booklet for  
Hex(76347B) contains.

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**Color**

**Hex(76347B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76347B
RGB	118, 52, 123
RGB Percent	46%, 20%, 48%
CMY	0.5373, 0.7961, 0.5176
CMYK	0.04, 0.58, 0.00, 0.52
HSL	296°, 41%, 34%
HSV	296°, 58%, 48%
XYZ	12.2744, 7.7376, 19.5855
YIQ	79.8280, 16.5450, 36.0730

# Conversions

## Conversions Part 2

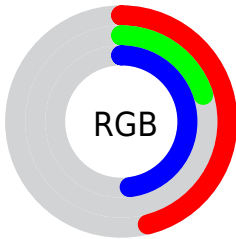
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 52, 123
Decimal	7746683
CIE <sub>Lab</sub>	33.43, 39.67, -27.67
CIE <sub>LCh</sub>	33, 48.367, 325.099
Yxy	7.7376, 0.3100, 0.1954
Android (android.graphics.Color)	4285936763 (0xFF76347B)
YUV	79.8280, 21.2838, 33.4768
Hunter-Lab	27.8165, 30.0862, -22.2742

# Details

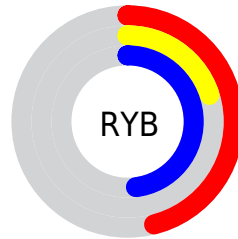
The Hex color **76347B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **397B34**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AC66B0**, and **43004A** is the 20% darker color. If you saturate the color by 10%, you get **75287B**, and if you desaturate by 10%, it is **77407B**.

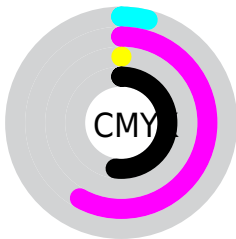
# Distribution



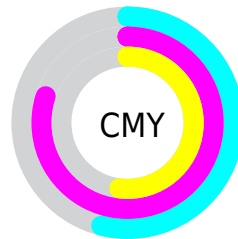
- Red (46%)
- Green (20%)
- Blue (48%)



- Red (46%)
- Yellow (20%)
- Blue (48%)



- Cyan (4%)
- Magenta (58%)
- Yellow (0%)
- Black (52%)



- Cyan (54%)
- Magenta (80%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76347B 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 76347B by changing the saturation by 10% instead.



76347B

76347B

FFFFFF

5C1B62

AC66B0

43004A

C880CB

2C0033

E59BE8

0B001D

FFB6FF

000000

FFD2FF

FFEFFF

76347B

76347B

75287B

77407B

 741B7B

 784D7B

 730F7B

 79597B

 73037B

 79657B

 72007B

 7A727B

 7B7E7B

 7C8A7B

 7D967B

 7EA37B

# Harmonies

## Analogous

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



3F4795



76347B



8E2457

# Triad

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



76347B



654B00



00606E

# Complementary

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



76347B



397B34

# 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.



005F47



76347B



415600

# Square

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



76347B



813A0C



005C1F



005D8D

# Rectangle

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



76347B



92253D



005C1F



006062



# Sweetspot

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



76347B



9F85A1



343A7B



504152



D1D1D1



525252



# Same Dimension

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



76347B



9932A1



7B345D



3D373D



74007D



EB00FC



# Inverse Universe

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



7B3439



A1323A



347B52



3D3738



7D0009

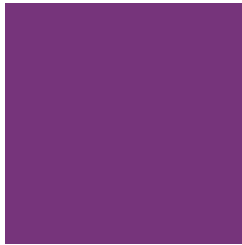


FC0012



# Previews

## White Background



This preview shows how the Hex color 76347B looks on a white background.

## Color Contrast Check

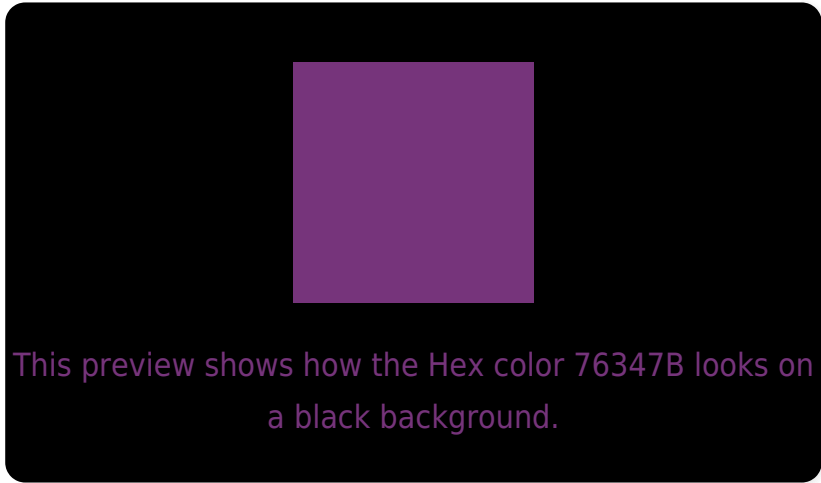
Large Text (above 18pt) WCAG AA ✓ Pass

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

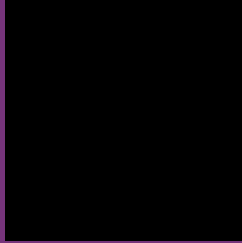
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76347B Background



This preview shows how black text looks on a background with the Hex color 76347B.

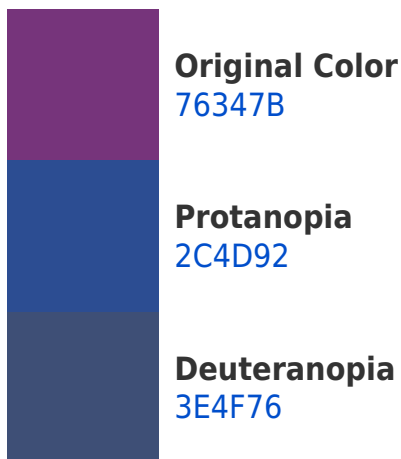



This preview shows how white text looks on a background with the Hex color 76347B.

# 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**  
6F4247

# Trichromacy



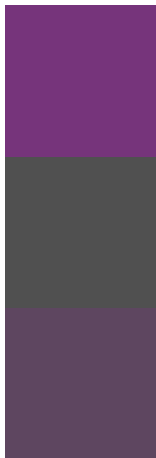
**Original Color**  
76347B

**Protanomaly**  
47448A

**Deuteranomaly**  
524578

**Tritanomaly**  
723D5A

# Monochromacy



**Original Color**  
76347B

**Achromatopsia**  
505050

**Achromatomaly**  
5E4660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76347B 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 #76347B looks like.

```
.text, #text, p{  
    color:#76347B  
}
```

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 #76347B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76347B
}
```

## Border

The CSS property to change the border of an element to Hex 76347B is called "border". The border property can be set on classes, ids or directly on the HTML element.

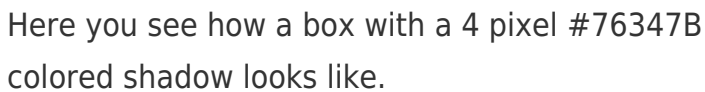
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76347B }
```

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

```
.border{ border-color:#76347B }
```

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



Here you see how a box with a 4 pixel #76347B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76347B; -webkit-box-shadow:4px 4px  
4px 4px #76347B; box-shadow:4px 4px 4px  
4px #76347B }
```

# Background

The CSS property to change the background color of an element to Hex 76347B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76347B }
```

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

```
.background{ background-color:#76347B }
```

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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