

# Converting Colors

Hex(74367B)

Have a look what the booklet for  
Hex(74367B) contains.

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# Color

**Hex(74367B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74367B
RGB	116, 54, 123
RGB Percent	45%, 21%, 48%
CMY	0.5451, 0.7882, 0.5176
CMYK	0.06, 0.56, 0.00, 0.52
HSL	294°, 39%, 35%
HSV	294°, 56%, 48%
XYZ	12.0968, 7.7814, 19.6033
YIQ	80.4040, 14.8030, 34.6030

# Conversions

## Conversions Part 2

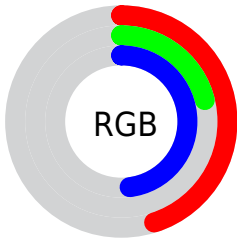
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 54, 123
Decimal	7616123
CIE Lab	33.52, 38.04, -27.55
CIE LCh	34, 46.969, 324.091
Yxy	7.7814, 0.3064, 0.1971
Android (android.graphics.Color)	4285806203 (0xFF74367B)
YUV	80.4040, 20.9998, 31.2177
Hunter-Lab	27.8952, 28.5903, -22.1394

# Details

The Hex color **74367B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D7B36**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AA68B0**, and **41014A** is the 20% darker color. If you saturate the color by 10%, you get **732A7B**, and if you desaturate by 10%, it is **75427B**.

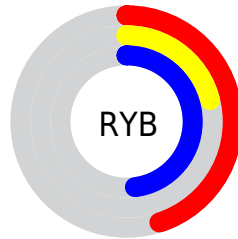
# Distribution



Red (45%)

Green (21%)

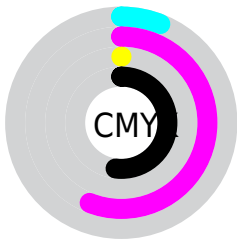
Blue (48%)



Red (45%)

Yellow (21%)

Blue (48%)

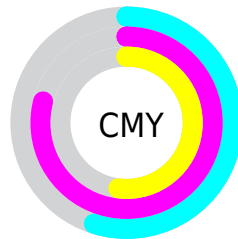


Cyan (6%)

Magenta (56%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (79%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74367B 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 74367B by changing the saturation by 10% instead.



■ 74367B

■ 74367B

FFFFFF

■ 5A1D62

■ AA68B0

■ 41014A

■ C682CB

■ 2A0033

■ E29DE8

■ 07001D

■ FFB8FF

■ 000000

■ FFD4FF

■ FFF1FF

■ 74367B

■ 74367B

■ 732A7B

■ 75427B

721D7B

764F7B

70117B

785B7B

6F057B

79677B

6F007B

7A747B

7B807B

7D8C7B

7E987B

7FA57B

# Harmonies

## Analogous

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



3E4893



74367B



8D2758

# Triad

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



74367B



664B00



00606C

# Complementary

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



74367B



3D7B36

# 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.



005F46



74367B



435600

# Square

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



74367B



813B10



015C20



005D8B

# Rectangle

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



74367B



91273F



015C20



006060



# Sweetspot

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



74367B



9E85A1



363E7B



504152



D1D1D1



525252



# Same Dimension

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



74367B



9635A1



7B3661



3D373D



70007D



E300FC



# Inverse Universe

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



7B363D



A13540



367B50



3D3738



7D000D



FC001A



# Previews

## White Background



This preview shows how the Hex color 74367B looks on a white background.

## Color Contrast Check

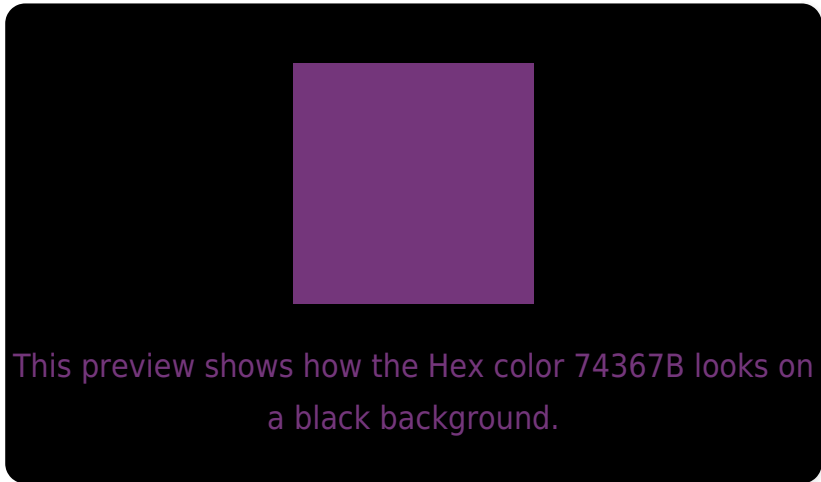
Large Text (above 18pt) WCAG AA ✓ Pass

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 74367B Background



This preview shows how black text looks on a background with the Hex color 74367B.

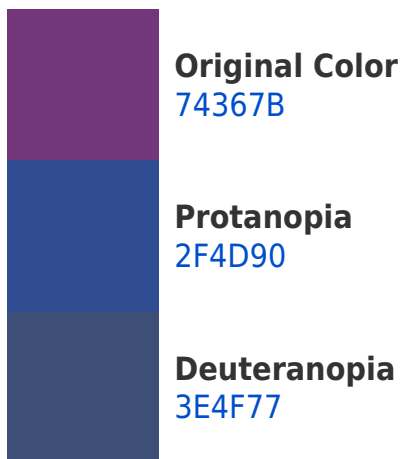


This preview shows how white text looks on a background with the Hex color 74367B.

# 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**  
6D4348

# Trichromacy



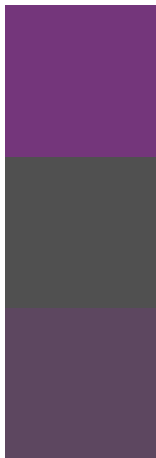
**Original Color**  
74367B

**Protanomaly**  
484588

**Deuteranomaly**  
524678

**Tritanomaly**  
703E5B

# Monochromacy



**Original Color**  
74367B

**Achromatopsia**  
505050

**Achromatomaly**  
5D4760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74367B 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 #74367B looks like.

```
.text, #text, p{  
    color:#74367B  
}
```

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 #74367B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74367B
}
```

## Border

The CSS property to change the border of an element to Hex 74367B is called "border". The border property can be set on classes, ids or directly on the HTML element.

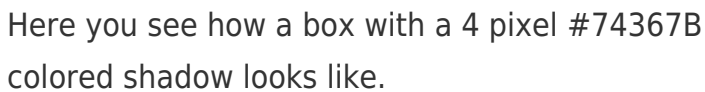
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74367B }
```

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

```
.border{ border-color:#74367B }
```

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



Here you see how a box with a 4 pixel #74367B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74367B; -webkit-box-shadow:4px 4px  
4px 4px #74367B; box-shadow:4px 4px 4px  
4px #74367B }
```

# Background

The CSS property to change the background color of an element to Hex 74367B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74367B }
```

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

```
.background{ background-color:#74367B }
```

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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