

# Converting Colors

Hex(743375)

Have a look what the booklet for  
Hex(743375) contains.

<b>Hex(743375)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(743375)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	743375
RGB	116, 51, 117
RGB Percent	45%, 20%, 46%
CMY	0.5451, 0.8000, 0.5412
CMYK	0.01, 0.56, 0.00, 0.54
HSL	299°, 39%, 33%
HSV	299°, 56%, 46%
XYZ	11.5972, 7.3650, 17.6400
YIQ	77.9590, 17.5540, 34.3060

# Conversions

## Conversions Part 2

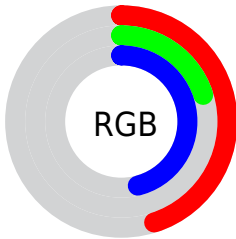
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 51, 117
Decimal	7615349
CIE Lab	32.62, 38.41, -25.19
CIE LCh	33, 45.935, 326.736
Yxy	7.3650, 0.3168, 0.2012
Android (android.graphics.Color)	4285805429 (0xFF743375)
YUV	77.9590, 19.2472, 33.3620
Hunter-Lab	27.1386, 28.7863, -19.5413

# Details

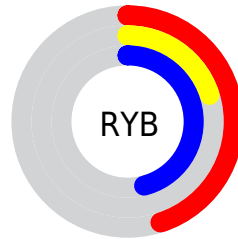
The Hex color **743375** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **347533**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AA65A9**, and **410044** is the 20% darker color. If you saturate the color by 10%, you get **742775**, and if you desaturate by 10%, it is **743F75**.

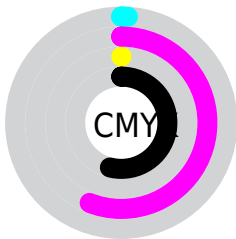
# Distribution



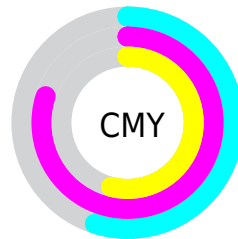
- Red (45%)
- Green (20%)
- Blue (46%)



- Red (45%)
- Yellow (20%)
- Blue (46%)



- Cyan (1%)
- Magenta (56%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (80%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 743375 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 743375 by changing the saturation by 10% instead.



■ 743375

■ 743375

FFFFFF

■ 5A1A5C

■ AA65A9

■ 410044

■ C67FC5

■ 2B002E

■ E29AE1

■ 030018

■ FFB5FE

■ 000000

■ FFD1FF

■ FFEDFF

■ 743375

■ 743375

■ 742775

■ 743F75

 741C75

 744A75

 731075

 755675

 730475

 756275

 730075

 756E75

 757975

 758575

 759175

 769C75

# Harmonies

## Analogous

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



43458E



743375



8A2652

# Triad

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



743375



614A00



005D6C

# Complementary

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



743375



347533

# 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.



005D48



743375



3E5400

# Square

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



743375



7B3B0D



005A22



005A89

# Rectangle

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



743375



8D273A



005A22



005D61



# Sweetspot

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



743375



997F99



333475



4C3D4D



CCCCCC



4D4D4D



# Same Dimension

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



743375



973199



753355



3B353B



79007A



F600FA



# Inverse Universe

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



753334



993133



337553



3B3535



7A0002



FA0004



# Previews

## White Background



This preview shows how the Hex color 743375 looks on a white background.

## Color Contrast Check

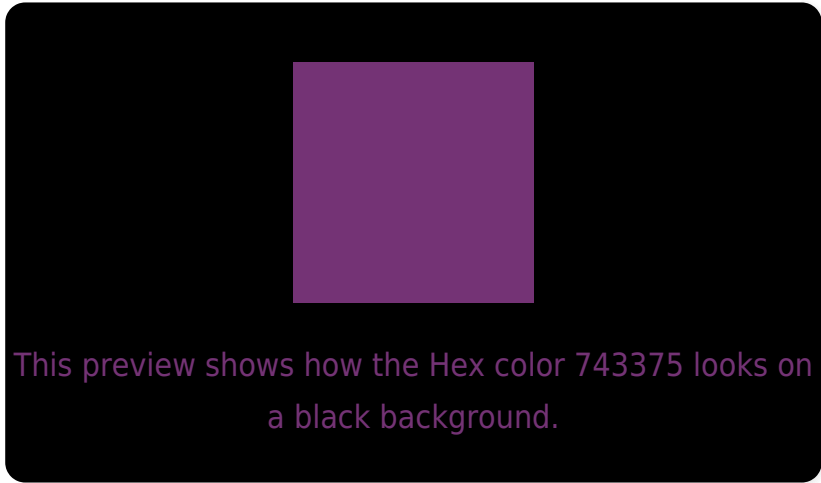
Large Text (above 18pt) WCAG AA ✓ Pass

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

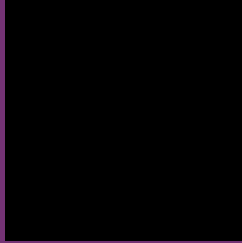
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 743375 Background



This preview shows how black text looks on a background with the Hex color 743375.



This preview shows how white text looks on a background with the Hex color 743375.

# 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**  
743375

**Protanopia**  
2F4B8B

**Deuteranopia**  
3F4D71



**Tritanopia**  
6E4045

# Trichromacy



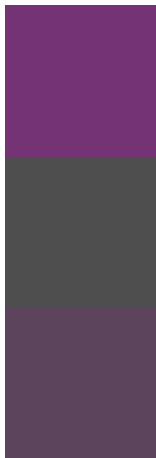
**Original Color**  
743375

**Protanomaly**  
484283

**Deuteranomaly**  
524472

**Tritanomaly**  
703B56

# Monochromacy



**Original Color**  
743375

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5C445C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 743375 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 #743375 looks like.

```
.text, #text, p{  
    color:#743375  
}
```

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 #743375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743375
}
```

## Border

The CSS property to change the border of an element to Hex 743375 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".

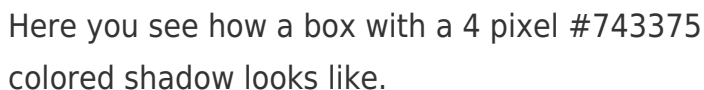
```
.border, #border, table{ border:4px solid
#743375 }
```

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

```
.border{ border-color:#743375 }
```

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

Here you see how a box with a 4 pixel #743375 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743375; -webkit-box-shadow:4px 4px  
4px 4px #743375; box-shadow:4px 4px 4px  
4px #743375 }
```

# Background

The CSS property to change the background color of an element to Hex 743375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743375 }
```

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

```
.background{ background-color:#743375 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor