

# Converting Colors

Hex(794370)

Have a look what the booklet for  
Hex(794370) contains.

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# Color

**Hex(794370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794370
RGB	121, 67, 112
RGB Percent	47%, 26%, 44%
CMY	0.5255, 0.7373, 0.5608
CMYK	0.00, 0.45, 0.07, 0.53
HSL	310°, 29%, 37%
HSV	310°, 45%, 47%
XYZ	12.8169, 9.2491, 16.4390
YIQ	88.2760, 17.7390, 25.4430

# Conversions

## Conversions Part 2

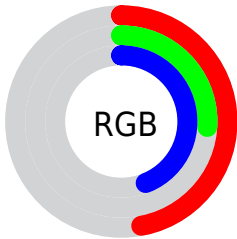
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 67, 112
Decimal	7947120
CIE <sub>Lab</sub>	36.46, 30.28, -16.05
CIE <sub>LCh</sub>	36, 34.272, 332.077
Yxy	9.2491, 0.3329, 0.2402
Android (android.graphics.Color)	4286137200 (0xFF794370)
YUV	88.2760, 11.6959, 28.6989
Hunter-Lab	30.4123, 22.0052, -10.7597

# Details

The Hex color **794370** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43794C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AF75A4**, and **471440** is the 20% darker color. If you saturate the color by 10%, you get **79376E**, and if you desaturate by 10%, it is **794F72**.

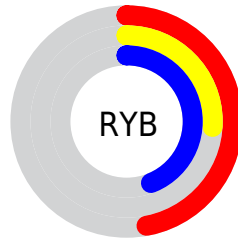
# Distribution



Red (47%)

Green (26%)

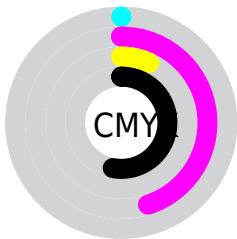
Blue (44%)



Red (47%)

Yellow (26%)

Blue (44%)

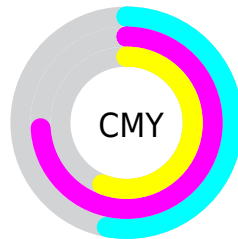


Cyan (0%)

Magenta (45%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (74%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794370 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 794370 by changing the saturation by 10% instead.



■ 794370

■ 794370

FFFFFF

■ 5F2B57

■ AF75A4

■ 471440

■ CA8FBF

■ 2F002A

■ E7AADB

■ 170015

■ FFC5F7

■ 000000

■ FFE1FF

FFFEFF

■ 794370

■ 794370

■ 79376E

■ 794F72

792B6C

795B74

791F6A

796776

791368

797378

790666

79807A

790065

798C7C

79987E

79A480

79B082

# Harmonies

## Analogous

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



5A4E85



794370



883E55

# Triad

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



794370



63551C



006372

# Complementary

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



794370



43794C

# 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.



006357



794370



475D25

# Square

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



794370



7A4B25



21613B



005F86

# Rectangle

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



794370



893F43



21613B



00636A



# Sweetspot

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



794370



9E8A9B



4C4379



4F424D



CFCFCF



4F4F4F



# Same Dimension

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



794370



9E4990



794355



3D373C



7D0068



FC00D2



# Inverse Universe

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



794370



9E4990



437967



3D373C



7D0068

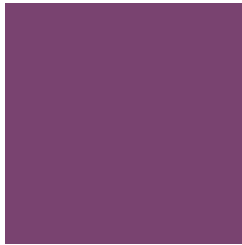


FC00D2



# Previews

## White Background



This preview shows how the Hex color 794370 looks on a white background.

## Color Contrast Check

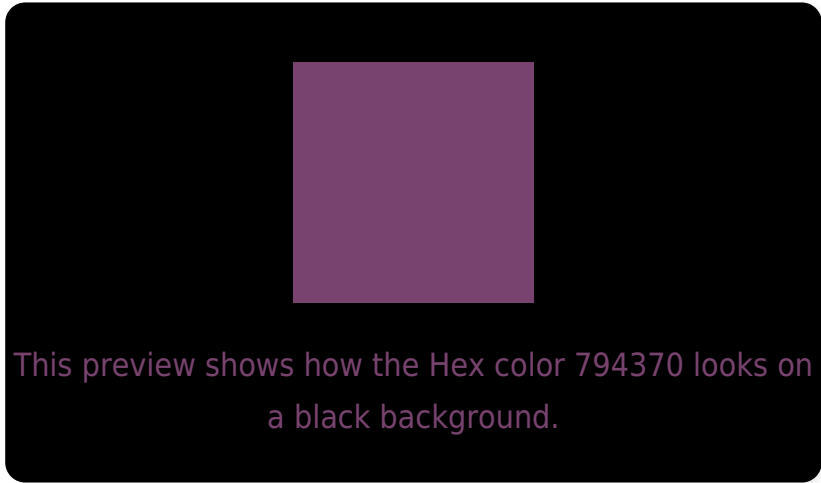
Large Text (above 18pt) WCAG AA ✓ Pass

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

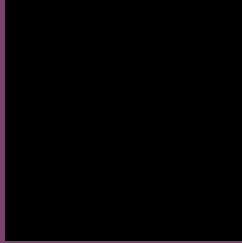
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794370 Background



This preview shows how black text looks on a background with the Hex color 794370.




This preview shows how white text looks on a background with the Hex color 794370.

# 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**  
754A50

# Trichromacy



**Original Color**  
794370

**Protanomaly**  
5A4E79

**Deuteranomaly**  
614E6E

**Tritanomaly**  
76475C

# Monochromacy



**Original Color**  
794370

**Achromatopsia**  
585858

**Achromatomaly**  
645061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794370 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 #794370 looks like.

```
.text, #text, p{  
    color:#794370  
}
```

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 #794370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794370
}
```

## Border

The CSS property to change the border of an element to Hex 794370 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
#794370 }
```

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

```
.border{ border-color:#794370 }
```

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

Here you see how a box with a 4 pixel #794370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794370; -webkit-box-shadow:4px 4px  
4px 4px #794370; box-shadow:4px 4px 4px  
4px #794370 }
```

# Background

The CSS property to change the background color of an element to Hex 794370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794370 }
```

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

```
.background{ background-color:#794370 }
```

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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