

# Converting Colors

Hex(795070)

Have a look what the booklet for  
Hex(795070) contains.

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**Color**

**Hex(795070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795070
RGB	121, 80, 112
RGB Percent	47%, 31%, 44%
CMY	0.5255, 0.6863, 0.5608
CMYK	0.00, 0.34, 0.07, 0.53
HSL	313°, 20%, 39%
HSV	313°, 34%, 47%
XYZ	13.6784, 10.9721, 16.7261
YIQ	95.9070, 14.1640, 18.6440

# Conversions

## Conversions Part 2

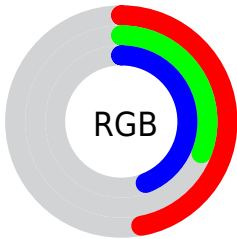
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 80, 112
Decimal	7950448
CIE Lab	39.53, 22.65, -11.37
CIE LCh	40, 25.344, 333.356
Yxy	10.9721, 0.3306, 0.2652
Android (android.graphics.Color)	4286140528 (0xFF795070)
YUV	95.9070, 7.9338, 22.0066
Hunter-Lab	33.1242, 15.7432, -6.7517

# Details

The Hex color **795070** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **507959**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AE82A4**, and **472240** is the 20% darker color. If you saturate the color by 10%, you get **79446D**, and if you desaturate by 10%, it is **795C73**.

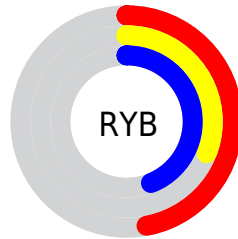
# Distribution



Red (47%)

Green (31%)

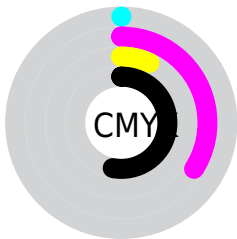
Blue (44%)



Red (47%)

Yellow (31%)

Blue (44%)

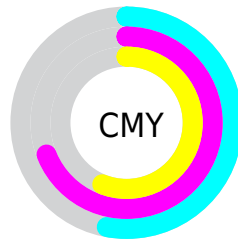


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (69%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795070 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 795070 by changing the saturation by 10% instead.



■ 795070

■ 795070

FFFFFF

■ 603958

■ AE82A4

■ 472240

■ CA9CBF

■ 300C2A

■ E6B7DB

■ 1E0016

■ FFD3F7

■ 000000

■ FFEFFF

■ 795070

■ 795070

■ 79446D

■ 795C73

■ 79386B

■ 796875

792C68

797478

792065

79807B

791363

798C7D

790760

799980

79005E

79A583

79B185

79BD88

# Harmonies

## Analogous

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



625780



795070



844D5C

# Triad

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



795070



685D33



006773

# Complementary

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



795070



507959

# 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.



1B685F



795070



53633A

# Square

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



795070



7A5539



39664A



1B6482

# Rectangle

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



795070



854E4E



39664A



00686D



# Sweetspot

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



795070



9E8E9B



595079



4F464D



CFCFCF



4F4F4F



# Same Dimension

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



795070



9E5D90



79505C



3D373C



7D0062



FC00C5



# Inverse Universe

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



795070



9E5D90



50796D



3D373C



7D0062

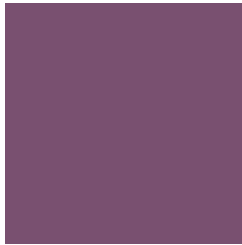


FC00C5



# Previews

## White Background



This preview shows how the Hex color 795070 looks on a white background.

## Color Contrast Check

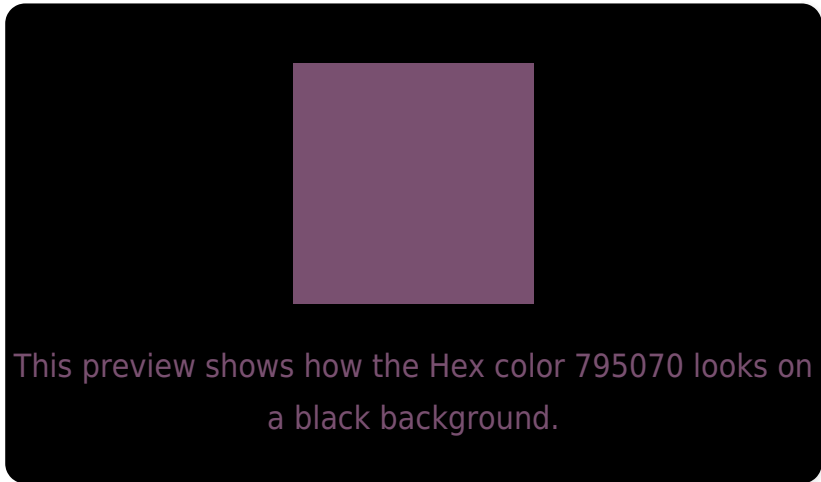
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

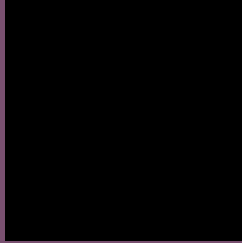
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795070 Background



This preview shows how black text looks on a background with the Hex color 795070.



This preview shows how white text looks on a background with the Hex color 795070.

# 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**  
76545B

# Trichromacy



**Original Color**  
795070

**Protanomaly**  
635876

**Deuteranomaly**  
68576F

**Tritanomaly**  
775363

# Monochromacy



**Original Color**  
795070

**Achromatopsia**  
606060

**Achromatomaly**  
695A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795070 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 #795070 looks like.

```
.text, #text, p{  
    color:#795070  
}
```

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 #795070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795070
}
```

## Border

The CSS property to change the border of an element to Hex 795070 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
#795070 }
```

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

```
.border{ border-color:#795070 }
```

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

Here you see how a box with a 4 pixel #795070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795070; -webkit-box-shadow:4px 4px  
4px 4px #795070; box-shadow:4px 4px 4px  
4px #795070 }
```

# Background

The CSS property to change the background color of an element to Hex 795070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795070 }
```

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

```
.background{ background-color:#795070 }
```

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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