

# Converting Colors

Hex(775170)

Have a look what the booklet for  
Hex(775170) contains.

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# Color

**Hex(775170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	775170
RGB	119, 81, 112
RGB Percent	47%, 32%, 44%
CMY	0.5333, 0.6824, 0.5608
CMYK	0.00, 0.32, 0.06, 0.53
HSL	311°, 19%, 39%
HSV	311°, 32%, 47%
XYZ	13.4748, 10.9766, 16.7377
YIQ	95.8960, 12.6970, 17.6970

# Conversions

## Conversions Part 2

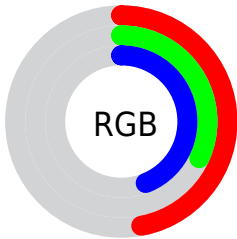
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 81, 112
Decimal	7819632
CIE <sub>Lab</sub>	39.54, 21.31, -11.38
CIE <sub>LCh</sub>	40, 24.159, 331.906
Yxy	10.9766, 0.3271, 0.2665
Android (android.graphics.Color)	4286009712 (0xFF775170)
YUV	95.8960, 7.9393, 20.2622
Hunter-Lab	33.1310, 14.6189, -6.7615

# Details

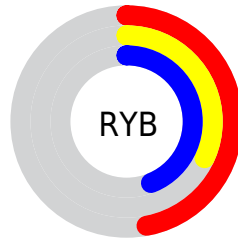
The Hex color **775170** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **517758**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AC83A4**, and **462340** is the 20% darker color. If you saturate the color by 10%, you get **77456E**, and if you desaturate by 10%, it is **775D72**.

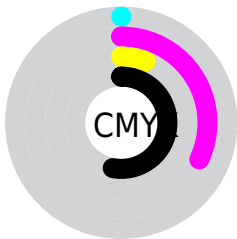
# Distribution



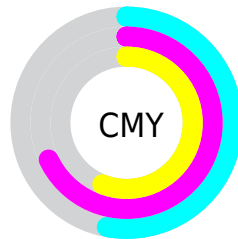
- Red (47%)
- Green (32%)
- Blue (44%)



- Red (47%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 775170 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 775170 by changing the saturation by 10% instead.



 775170

 775170

FFFFFF

 5E3A58

 AC83A4

 462340

 C79DBF

 2F0E2A

 E4B8DB

 1C0016

 FFD4F7

 000000

 FFF0FF

 775170

 775170

 77456E

 775D72

 77396C

 776974

772D69

777577

772167

778179

771665

778C7B

770A63

77987D

770061

77A47F

77B082

77BC84

# Harmonies

## Analogous

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



61587F



775170



824E5D

# Triad

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



775170



695C35



0A6771

# Complementary

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



775170



517758

# 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.



22685E



775170



54623B

# Square

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



775170



79563B



3D664A



20647F

# Rectangle

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



775170



844F4F



3D664A



0F686B



# Sweetspot

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



775170



9C8C99



585177



4F464D



CFCFCF



4F4F4F



# Same Dimension

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



775170



9C6091



77515D



3B353A



7A0064



FA00CC



# Inverse Universe

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



775170



9C6091



51776B



3B353A



7A0064

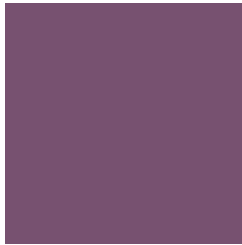


FA00CC



# Previews

## White Background



This preview shows how the Hex color 775170 looks on a white background.

## Color Contrast Check

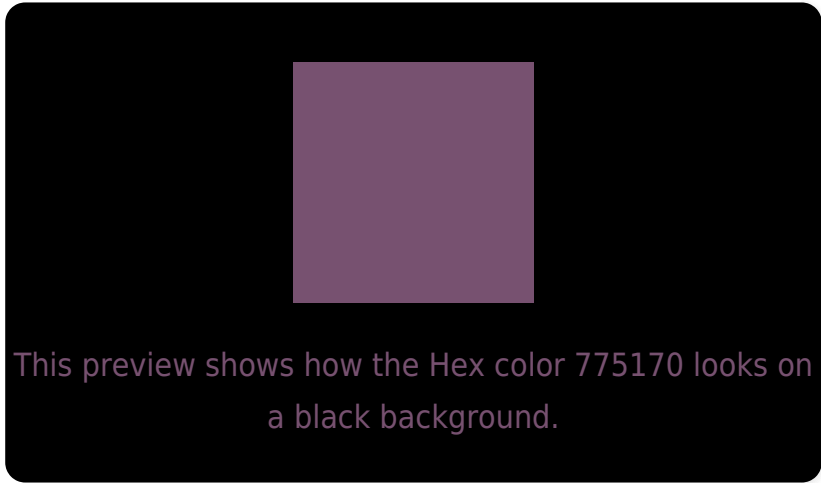
Large Text (above 18pt) WCAG AA ✓ Pass

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

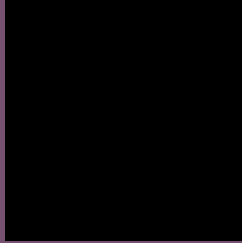
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 775170 Background



This preview shows how black text looks on a background with the Hex color 775170.



This preview shows how white text looks on a background with the Hex color 775170.

# 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**  
74555B

# Trichromacy



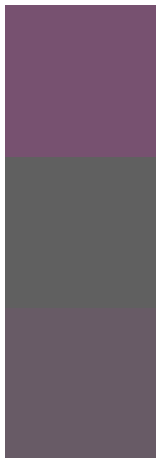
**Original Color**  
775170

**Protanomaly**  
625875

**Deuteranomaly**  
67576F

**Tritanomaly**  
755463

# Monochromacy



**Original Color**  
775170

**Achromatopsia**  
606060

**Achromatomaly**  
685B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 775170 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 #775170 looks like.

```
.text, #text, p{  
    color:#775170  
}
```

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 #775170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #775170
}
```

## Border

The CSS property to change the border of an element to Hex 775170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

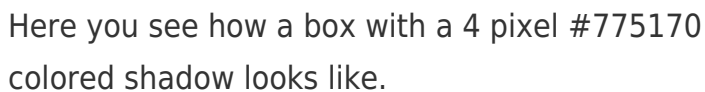
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#775170 }
```

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

```
.border{ border-color:#775170 }
```

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



Here you see how a box with a 4 pixel #775170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #775170; -webkit-box-shadow:4px 4px  
4px 4px #775170; box-shadow:4px 4px 4px  
4px #775170 }
```

# Background

The CSS property to change the background color of an element to Hex 775170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#775170 }
```

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

```
.background{ background-color:#775170 }
```

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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