

# Converting Colors

Hex(775280)

Have a look what the booklet for  
Hex(775280) contains.

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# Color

**Hex(775280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	775280
RGB	119, 82, 128
RGB Percent	47%, 32%, 50%
CMY	0.5333, 0.6784, 0.4980
CMYK	0.07, 0.36, 0.00, 0.50
HSL	288°, 22%, 41%
HSV	288°, 36%, 50%
XYZ	14.5213, 11.5150, 21.8793
YIQ	98.3070, 7.2860, 22.1500

# Conversions

## Conversions Part 2

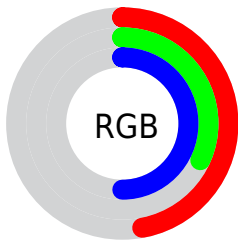
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 82, 128
Decimal	7819904
CIE <sub>Lab</sub>	40.43, 24.04, -19.84
CIE <sub>LCh</sub>	40, 31.174, 320.466
Yxy	11.5150, 0.3031, 0.2403
Android (android.graphics.Color)	4286009984 (0xFF775280)
<b>YUV</b>	98.3070, 14.6386, 18.1478
Hunter-Lab	33.9338, 17.0015, -14.4745

# Details

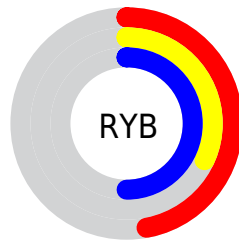
The Hex color **775280** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B8052**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AC84B5**, and **45244F** is the 20% darker color. If you saturate the color by 10%, you get **744580**, and if you desaturate by 10%, it is **7A5F80**.

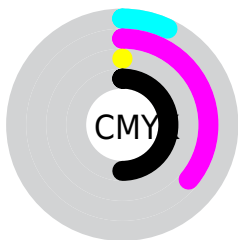
# Distribution



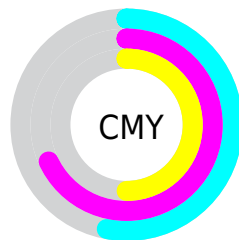
- Red (47%)
- Green (32%)
- Blue (50%)



- Red (47%)
- Yellow (32%)
- Blue (50%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (68%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 775280 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 775280 by changing the saturation by 10% instead.



■ 775280

■ 775280

FFFFFF

■ 5E3A67

■ AC84B5

■ 45244F

■ C89ED1

■ 2E0E38

■ E4B9ED

■ 1D0022

■ FFD5FF

■ 000008

■ FFF2FF

■ 000000

■ 775280

■ 775280

■ 744580

■ 7A5F80

■ 723880

■ 7C6C80

6F2C80

7F7880

6D1F80

818580

6A1280

849280

680580

869F80

670080

89AC80

8BB880

8EC580

# Harmonies

## Analogous

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



555C8F



775280



8B4B69

# Triad

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



775280



765B2C



006C70

# Complementary

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



775280



5B8052

# 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.



136C56



775280



5D632E

# Square

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



775280



885239



40693E



006A86

# Rectangle

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



775280



904A57



40693E



006C68



# Sweetspot

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



775280



A294A6



525B80



524954



D4D4D4



545454



# Same Dimension

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



775280



985EA6



805272



3F3940



670080



000000



# Inverse Universe

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



80525B



A65E6C



528060



40393B



800019

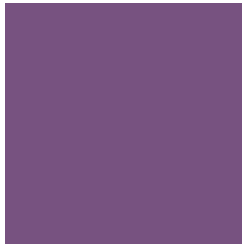


000000



# Previews

## White Background



This preview shows how the Hex color 775280 looks on a white background.

## Color Contrast Check

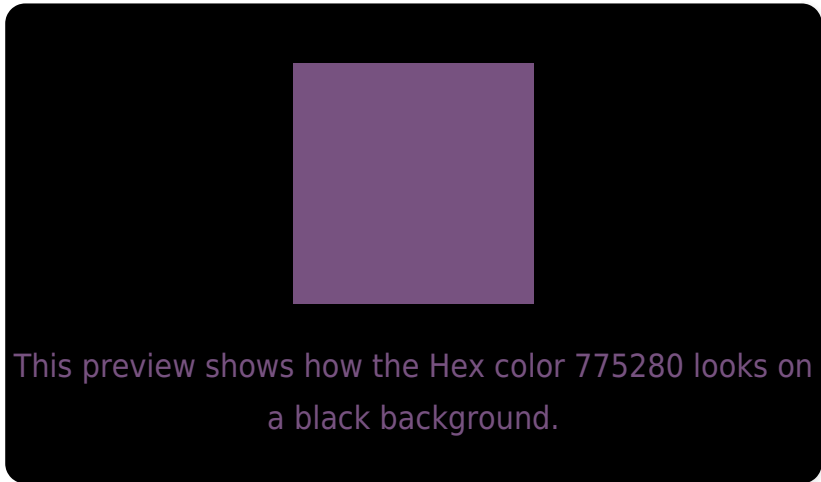
Large Text (above 18pt) WCAG AA ✓ Pass

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

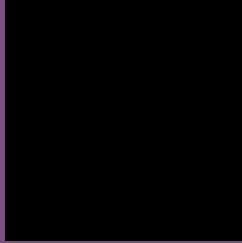
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 775280 Background



This preview shows how black text looks on a background with the Hex color 775280.



This preview shows how white text looks on a background with the Hex color 775280.

# 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**  
725960

# Trichromacy



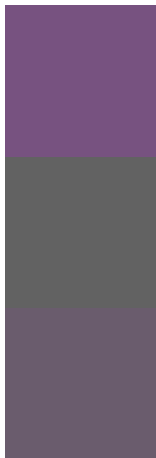
**Original Color**  
775280

**Protanomaly**  
5F5A86

**Deuteranomaly**  
635A7F

**Tritanomaly**  
74566C

# Monochromacy



**Original Color**  
775280

**Achromatopsia**  
626262

**Achromatomaly**  
6A5C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 775280 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 #775280 looks like.

```
.text, #text, p{  
    color:#775280  
}
```

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 #775280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #775280
}
```

## Border

The CSS property to change the border of an element to Hex 775280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

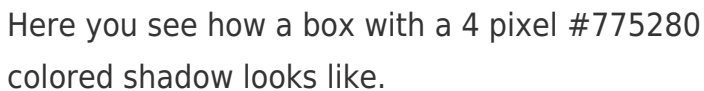
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#775280 }
```

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

```
.border{ border-color:#775280 }
```

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



Here you see how a box with a 4 pixel #775280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #775280; -webkit-box-shadow:4px 4px  
4px 4px #775280; box-shadow:4px 4px 4px  
4px #775280 }
```

# Background

The CSS property to change the background color of an element to Hex 775280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#775280 }
```

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

```
.background{ background-color:#775280 }
```

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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