

# Converting Colors

Hex(75006E)

Have a look what the booklet for  
Hex(75006E) contains.

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# Color

**Hex(75006E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75006E
RGB	117, 0, 110
RGB Percent	46%, 0%, 43%
CMY	0.5412, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.06, 0.54
HSL	304°, 100%, 23%
HSV	304°, 100%, 46%
XYZ	10.1506, 4.9077, 15.1641
YIQ	47.5230, 34.4220, 59.0140

# Conversions

## Conversions Part 2

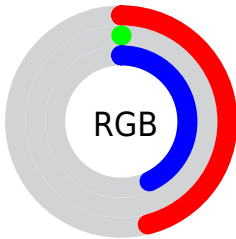
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 0, 110
Decimal	7667822
CIE <sub>Lab</sub>	26.47, 54.16, -30.44
CIE <sub>LCh</sub>	26, 62.131, 330.659
Yxy	4.9077, 0.3359, 0.1624
Android (android.graphics.Color)	4285857902 (0xFF75006E)
YUV	47.5230, 30.8012, 60.9313
Hunter-Lab	22.1533, 43.0199, -25.0772

# Details

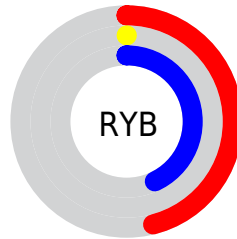
The Hex color **75006E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007507**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **AC44A2**, and **40003E** is the 20% darker color. If you saturate the color by 10%, you get **75006E**, and if you desaturate by 10%, it is **750C6F**.

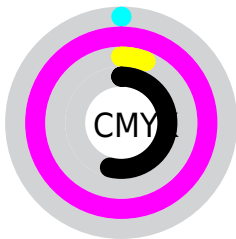
# Distribution



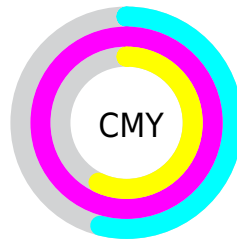
- Red (46%)
- Green (0%)
- Blue (43%)



- Red (46%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75006E 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 75006E by changing the saturation by 10% instead.



 75006E

 75006E

FFFFFF

 5A0055

 AC44A2

 40003E

 C960BD

 280027

 E67BD9

 000110

 FF96F6

 000000

 FFB2FF

 FFCEFF

 FFE8FF

 75006E

■ 750C6F

■ 75176F

■ 752370

■ 752F71

■ 753B72

■ 754672

■ 755273

■ 755E74

■ 756974

# Harmonies

## Analogous

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



313192



75006E



8C0040

# Triad

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



75006E



4D3D00



00516E

# Complementary

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



75006E



007507

# 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.



00513E



75006E



1A4900

# Square

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



75006E



712700



004E07



004F92

# Rectangle

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



75006E



8C0021



004E07



00515F



# Sweetspot

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



75006E



996B96



060075



4D314B



CCCCCC



4D4D4D



# Same Dimension

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



75006E



990090



750035



3B353A



7A0073



FA00EB



# Inverse Universe

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



75006E



990090



007540



3B353A



7A0073



FA00EB



# Previews

## White Background



This preview shows how the Hex color 75006E looks on a white background.

## Color Contrast Check

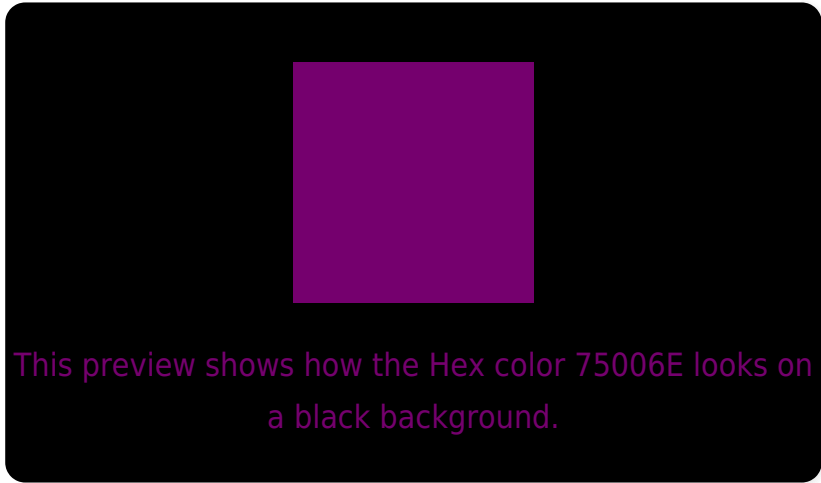
Large Text (above 18pt) WCAG AA ✓ Pass

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

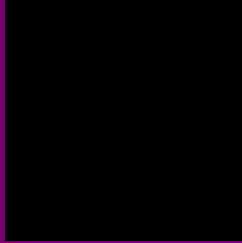
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75006E Background



This preview shows how black text looks on a background with the Hex color 75006E.



This preview shows how white text looks on a background with the Hex color 75006E.

# 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**  
6F2B2E

# Trichromacy



**Original Color**  
75006E

**Protanomaly**  
2B297E

**Deuteranomaly**  
482A6A

**Tritanomaly**  
711B45

# Monochromacy



**Original Color**  
75006E

**Achromatopsia**  
303030

**Achromatomaly**  
491F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75006E 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 #75006E looks like.

```
.text, #text, p{  
    color:#75006E  
}
```

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 #75006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75006E
}
```

## Border

The CSS property to change the border of an element to Hex 75006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

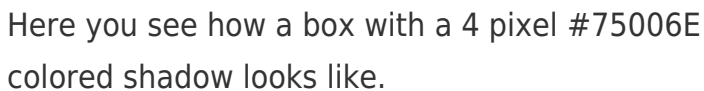
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75006E }
```

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

```
.border{ border-color:#75006E }
```

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



Here you see how a box with a 4 pixel #75006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75006E; -webkit-box-shadow:4px 4px  
4px 4px #75006E; box-shadow:4px 4px 4px  
4px #75006E }
```

# Background

The CSS property to change the background color of an element to Hex 75006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75006E }
```

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

```
.background{ background-color:#75006E }
```

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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