

Converting Colors

Hex(77016D)

Have a look what the booklet for
Hex(77016D) contains.

Hex(77016D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77016D)

Conversions

Conversions Part 1

Format	Color
Hex	77016D
RGB	119, 1, 109
RGB Percent	47%, 0%, 43%
CMY	0.5333, 0.9961, 0.5725
CMYK	0.00, 0.99, 0.08, 0.53
HSL	305°, 98%, 24%
HSV	305°, 99%, 47%
XYZ	10.3789, 5.0478, 14.8953
YIQ	48.5940, 35.6600, 58.6040

Conversions

Conversions Part 2

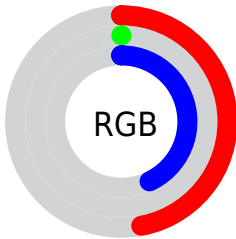
Format	Color
R_{YB}	119, 1, 109
Decimal	7799149
CIE _{Lab}	26.87, 54.20, -29.14
CIE _{LCh}	27, 61.537, 331.738
Yxy	5.0478, 0.3423, 0.1665
Android (android.graphics.Color)	4285989229 (0xFF77016D)
YUV	48.5940, 29.7802, 61.7461
Hunter-Lab	22.4673, 43.1418, -23.5809

Details

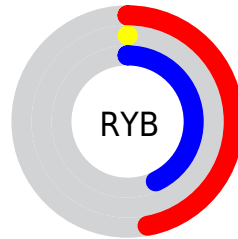
The Hex color **77016D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **01770B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **AF45A1**, and **42003D** is the 20% darker color. If you saturate the color by 10%, you get **77006D**, and if you desaturate by 10%, it is **770D6E**.

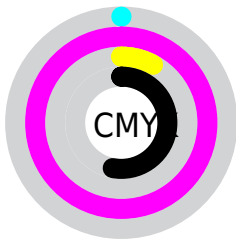
Distribution



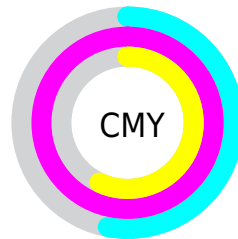
- Red (47%)
- Green (0%)
- Blue (43%)



- Red (47%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (99%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77016D 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 77016D by changing the saturation by 10% instead.

■ 77016D

■ 77016D

FFFFFF

■ 5C0054

■ AF45A1

■ 42003D

■ CB60BC

■ 2A0027

■ E87BD8

■ 00010F

■ FF97F5

■ 000000

■ FFB3FF

■ FFCFFF

■ FFECFF

■ 77016D

■ 77016D

■ 77006D

■ 770D6E

■ 77196F

■ 772570

■ 773171

■ 773C72

■ 774873

■ 775474

■ 776075

■ 776C76

Harmonies

Analogous

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



373191



77016D



8D003F

Triad

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



77016D



4C3F00



005270

Complementary

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



77016D



01770B

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.



005241



77016D



194A00

Square

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



77016D



712900



004F0C



004F93

Rectangle

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



77016D



8C0021



004F0C



005261

Sweetspot

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



77016D



9C6D98



0B0177



4F334D



CFCFCF



4F4F4F

Same Dimension

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



77016D



9C008E



770132



3B353A



7A0070



FA00E5

Inverse Universe

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



77016D



9C008E



017746



3B353A



7A0070



FA00E5

Previews

White Background



This preview shows how the Hex color 77016D looks on a white background.

Color Contrast Check

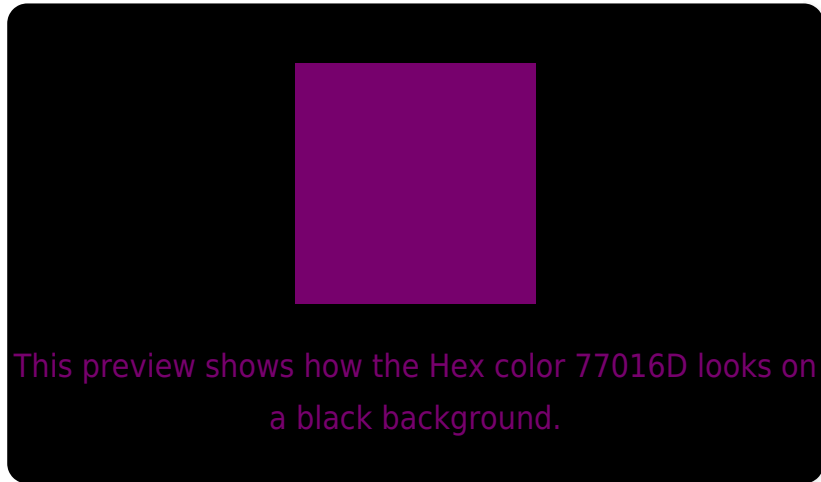
Large Text (above 18pt) WCAG AA ✓ Pass

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

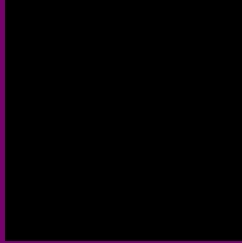
Any Text WCAG AA × Fail

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 77016D Background



This preview shows how black text looks on a background with the Hex color 77016D.



This preview shows how white text looks on a background with the Hex color 77016D.

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
712B2E

Trichromacy



Original Color

77016D



Protanomaly

2B2A7F



Deuteranomaly

4A2B69



Tritanomaly

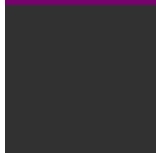
731C45

Monochromacy



Original Color

77016D



Achromatopsia

313131



Achromatomaly

4A2047

CSS Examples

Text

The CSS property to change the color of the text to Hex 77016D 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 #77016D looks like.

```
.text, #text, p{  
    color:#77016D  
}
```

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 #77016D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77016D
}
```

Border

The CSS property to change the border of an element to Hex 77016D is called "border". The border property can be set on classes, ids or directly on the HTML element.

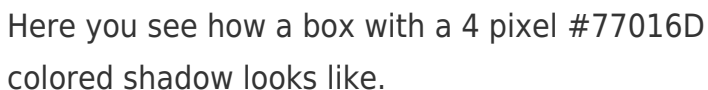
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77016D }
```

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

```
.border{ border-color:#77016D }
```

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



Here you see how a box with a 4 pixel `#77016D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77016D; -webkit-box-shadow:4px 4px  
4px 4px #77016D; box-shadow:4px 4px 4px  
4px #77016D }
```

Background

The CSS property to change the background color of an element to Hex 77016D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77016D }
```

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

```
.background{ background-color:#77016D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor