

Converting Colors

Hex(77016B)

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

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Color

Hex(77016B)

Conversions

Conversions Part 1

Format	Color
Hex	77016B
RGB	119, 1, 107
RGB Percent	47%, 0%, 42%
CMY	0.5333, 0.9961, 0.5804
CMYK	0.00, 0.99, 0.10, 0.53
HSL	306°, 98%, 24%
HSV	306°, 99%, 47%
XYZ	10.2724, 5.0052, 14.3346
YIQ	48.3660, 36.3020, 57.9820

Conversions

Conversions Part 2

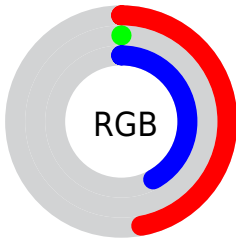
Format	Color
R_{YB}	119, 1, 107
Decimal	7799147
CIE _{Lab}	26.75, 53.90, -28.04
CIE _{LCh}	27, 60.758, 332.519
Yxy	5.0052, 0.3469, 0.1690
Android (android.graphics.Color)	4285989227 (0xFF77016B)
YUV	48.3660, 28.9066, 61.9460
Hunter-Lab	22.3723, 42.8086, -22.3283

Details

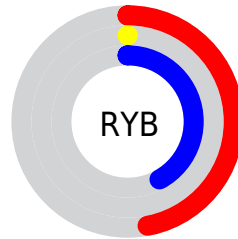
The Hex color **77016B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **01770D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **AF459F**, and **42003B** is the 20% darker color. If you saturate the color by 10%, you get **77006B**, and if you desaturate by 10%, it is **770D6C**.

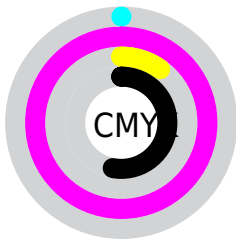
Distribution



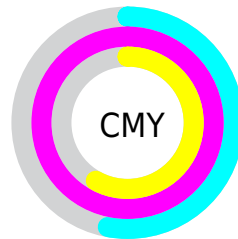
- Red (47%)
- Green (0%)
- Blue (42%)



- Red (47%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (99%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

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

77016B

77016B

FFFFFF

5C0052

AF459F

42003B

CB60BA

2A0025

E87BD6

00000C

FF97F2

000000

FFB3FF

FFCFFF

FFECFF

77016B

77016B

■ 77006B

■ 770D6C

■ 77196D

■ 77256F

■ 773170

■ 773C71

■ 774872

■ 775473

■ 776075

■ 776C76

Harmonies

Analogous

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



3A308F



77016B



8C003E

Triad

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



77016B



4B3F00



005271

Complementary

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



77016B



01770D

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.



005142



77016B



184A00

Square

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



77016B



6F2A00



004F0E



004F93

Rectangle

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



77016B



8B0020



004F0E



005262

Sweetspot

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



77016B



9C6D97



0D0177



4F334C



CFCFCF



4F4F4F

Same Dimension

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



77016B



9C008C



770130



3B353A



7A006E



FA00E0

Inverse Universe

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



77016B



9C008C



017748



3B353A



7A006E



FA00E0

Previews

White Background



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

Color Contrast Check

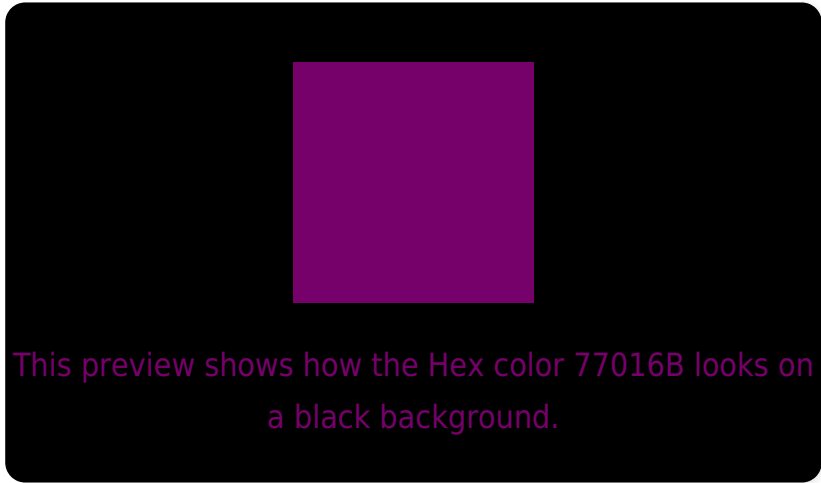
Large Text (above 18pt) WCAG AA ✓ Pass

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

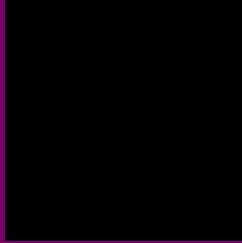
Any Text WCAG AA × Fail

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 77016B Background



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

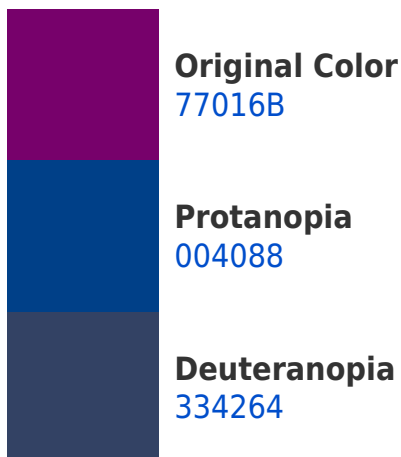


This preview shows how white text looks on a background with the Hex color 77016B.

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



Trichromacy



Original Color
77016B

Protanomaly
2B297D

Deuteranomaly
4C2A67

Tritanomaly
731B44

Monochromacy



Original Color
77016B

Achromatopsia
303030

Achromatomaly
4A1F45

CSS Examples

Text

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

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

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 #77016B colored shadow looks like.

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

Border

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

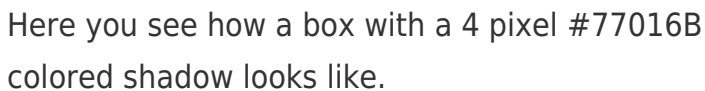
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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