

Converting Colors

Hex(77046C)

Have a look what the booklet for
Hex(77046C) contains.

Hex(77046C)	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(77046C)

Conversions

Conversions Part 1

Format	Color
Hex	77046C
RGB	119, 4, 108
RGB Percent	47%, 2%, 42%
CMY	0.5333, 0.9843, 0.5765
CMYK	0.00, 0.97, 0.09, 0.53
HSL	306°, 93%, 24%
HSV	306°, 97%, 47%
XYZ	10.3579, 5.0915, 14.6242
YIQ	50.2410, 35.1560, 56.7240

Conversions

Conversions Part 2

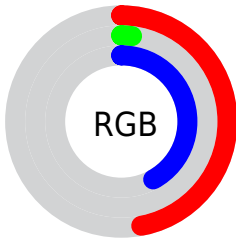
Format	Color
R_{YB}	119, 4, 108
Decimal	7799916
CIE _{Lab}	26.99, 53.51, -28.30
CIE _{LCh}	27, 60.529, 332.129
Yxy	5.0915, 0.3444, 0.1693
Android (android.graphics.Color)	4285989996 (0xFF77046C)
YUV	50.2410, 28.4752, 60.3016
Hunter-Lab	22.5643, 42.4512, -22.6315

Details

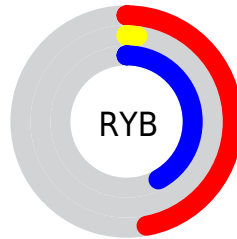
The Hex color **77046C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **04770F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **AE46A0**, and **42003C** is the 20% darker color. If you saturate the color by 10%, you get **77006C**, and if you desaturate by 10%, it is **77106D**.

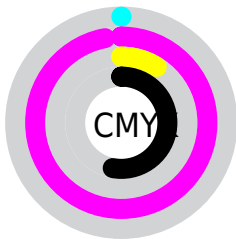
Distribution



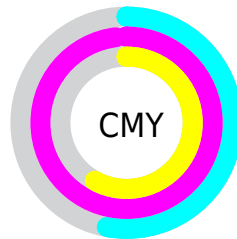
- Red (47%)
- Green (2%)
- Blue (42%)



- Red (47%)
- Yellow (2%)
- Blue (42%)



- Cyan (0%)
- Magenta (97%)
- Yellow (9%)
- Black (53%)



- Cyan (53%)
- Magenta (98%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77046C 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 77046C by changing the saturation by 10% instead.

77046C

77046C

FFFFFF

5C0053

AE46A0

42003C

CB61BB

2A0026

E87CD7

00010E

FF98F3

000000

FFB4FF

FFD0FF

FFEDFF

77046C

77046C

■ 77006C

■ 77106D

■ 771C6E

■ 77286F

■ 773471

■ 774072

■ 774B73

■ 775774

■ 776375

■ 776F76

Harmonies

Analogous

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



393190



77046C



8C003F

Triad

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



77046C



4C3F00



005270

Complementary

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



77046C



04770F

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.



005242



77046C



1A4A00

Square

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



77046C



702B00



004F0E



004F93

Rectangle

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



77046C



8B0021



004F0E



005262

Sweetspot

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



77046C



9C6E97



0E0477



4F334C



CFCFCF



4F4F4F

Same Dimension

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



77046C



9C008D



770434



3B353A



7A006F



FA00E2

Inverse Universe

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



77046C



9C008D



047747



3B353A



7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 77046C looks on a white background.

Color Contrast Check

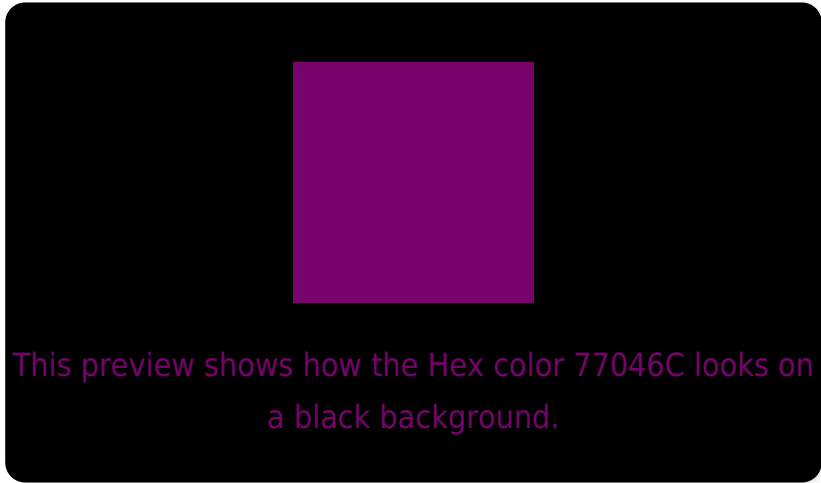
Large Text (above 18pt) WCAG AA ✓ Pass

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

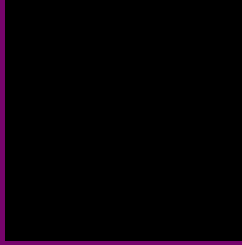
Any Text WCAG AA × Fail

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 77046C Background



This preview shows how black text looks on a background with the Hex color 77046C.



This preview shows how white text looks on a background with the Hex color 77046C.

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
712B2D

Trichromacy



Original Color

77046C



Protanomaly

2B2A7E



Deuteranomaly

4B2C68



Tritanomaly

731D44

Monochromacy



Original Color

77046C



Achromatopsia

323232



Achromatomaly

4B2147

CSS Examples

Text

The CSS property to change the color of the text to Hex 77046C 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 #77046C looks like.

```
.text, #text, p{  
    color:#77046C  
}
```

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 #77046C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77046C
}
```

Border

The CSS property to change the border of an element to Hex 77046C is called "border". The border property can be set on classes, ids or directly on the HTML element.

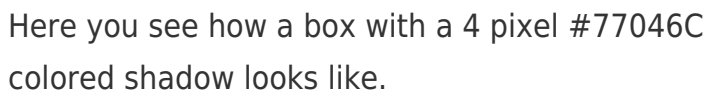
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77046C }
```

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

```
.border{ border-color:#77046C }
```

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



Here you see how a box with a 4 pixel #77046C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77046C; -webkit-box-shadow:4px 4px  
4px 4px #77046C; box-shadow:4px 4px 4px  
4px #77046C }
```

Background

The CSS property to change the background color of an element to Hex 77046C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77046C }
```

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

```
.background{ background-color:#77046C }
```

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