

Converting Colors

Hex(77106D)

Have a look what the booklet for
Hex(77106D) contains.

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Color

Hex(77106D)

Conversions

Conversions Part 1

Format	Color
Hex	77106D
RGB	119, 16, 109
RGB Percent	47%, 6%, 43%
CMY	0.5333, 0.9373, 0.5725
CMYK	0.00, 0.87, 0.08, 0.53
HSL	306°, 76%, 26%
HSV	306°, 87%, 47%
XYZ	10.5534, 5.3966, 14.9534
YIQ	57.3990, 31.5350, 50.7590

Conversions

Conversions Part 2

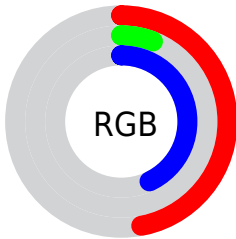
Format	Color
R_{YB}	119, 16, 109
Decimal	7802989
CIE _{Lab}	27.84, 51.37, -27.61
CIE _{LCh}	28, 58.318, 331.746
Yxy	5.3966, 0.3415, 0.1746
Android (android.graphics.Color)	4285993069 (0xFF77106D)
YUV	57.3990, 25.4393, 54.0241
Hunter-Lab	23.2307, 40.4362, -21.9031

Details

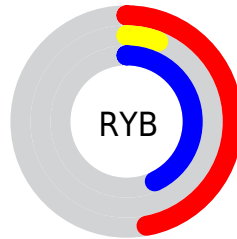
The Hex color **77106D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **10771A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AE4BA1**, and **42003D** is the 20% darker color. If you saturate the color by 10%, you get **77046C**, and if you desaturate by 10%, it is **771C6E**.

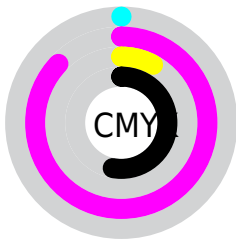
Distribution



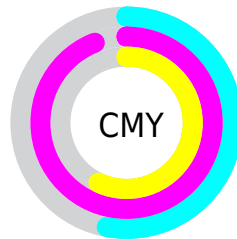
- Red (47%)
- Green (6%)
- Blue (43%)



- Red (47%)
- Yellow (6%)
- Blue (43%)



- Cyan (0%)
- Magenta (87%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (94%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77106D 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 77106D by changing the saturation by 10% instead.

 77106D

 77106D

FFFFFF

 5C0054

 AE4BA1

 42003D

 CB66BC

 2B0027

 E881D8

 00010F

 FF9CF5

 000000

 FFB8FF

 FFD5FF

 FFF2FF

 77106D

 77106D

■ 77046C

■ 771C6E

■ 77006B

■ 77286F

■ 773470

■ 774072

■ 774B73

■ 775774

■ 776375

■ 776F76

■ 777B77

Harmonies

Analogous

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



3C348F



77106D



8C0041

Triad

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



77106D



4F4100



005470

Complementary

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



77106D



10771A

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.



005343



77106D



204C00

Square

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



77106D



722D00



005112



005191

Rectangle

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



77106D



8C0024



005112



005462

Sweetspot

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



77106D



9C7398



191077



4F374D



CFCFCF



4F4F4F

Same Dimension

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



77106D



9C008C



77103B



3B353A



7A006F



FA00E2

Inverse Universe

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



77106D



9C008C



10774C



3B353A



7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 77106D looks on a white background.

Color Contrast Check

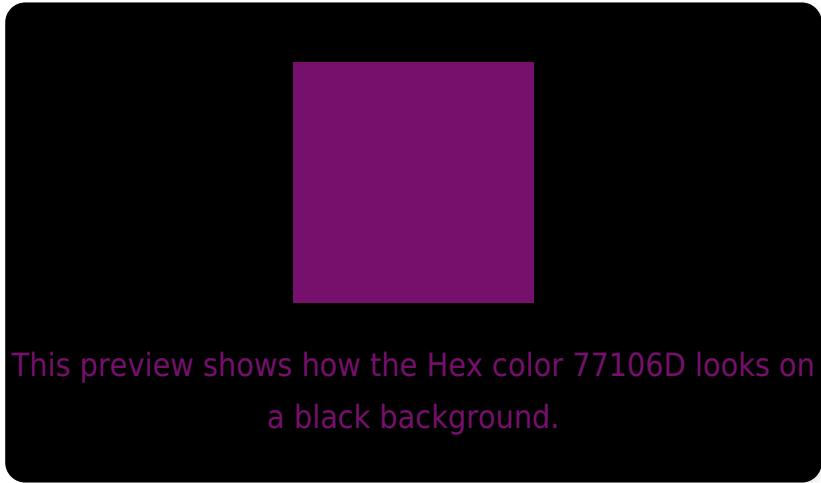
Large Text (above 18pt) WCAG AA ✓ Pass

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

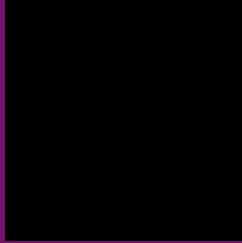
Any Text WCAG AA × Fail

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 77106D Background



This preview shows how black text looks on a background with the Hex color 77106D.



This preview shows how white text looks on a background with the Hex color 77106D.

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
712D30

Trichromacy



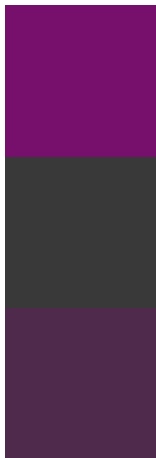
Original Color
77106D

Protanomaly
2B2F80

Deuteranomaly
4C3169

Tritanomaly
732246

Monochromacy



Original Color
77106D

Achromatopsia
393939

Achromatomaly
502A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 77106D 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 #77106D looks like.

```
.text, #text, p{  
    color:#77106D  
}
```

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 #77106D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77106D
}
```

Border

The CSS property to change the border of an element to Hex 77106D 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
#77106D }
```

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

```
.border{ border-color:#77106D }
```

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

Here you see how a box with a 4 pixel #77106D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77106D; -webkit-box-shadow:4px 4px  
4px 4px #77106D; box-shadow:4px 4px 4px  
4px #77106D }
```

Background

The CSS property to change the background color of an element to Hex 77106D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77106D }
```

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

```
.background{ background-color:#77106D }
```

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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