

# Converting Colors

Hex(77601B)

Have a look what the booklet for  
Hex(77601B) contains.

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**Color**

**Hex(77601B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77601B
RGB	119, 96, 27
RGB Percent	47%, 38%, 11%
CMY	0.5333, 0.6235, 0.8941
CMYK	0.00, 0.19, 0.77, 0.53
HSL	45°, 63%, 29%
HSV	45°, 77%, 47%
XYZ	11.9884, 12.3668, 2.7921
YIQ	95.0110, 35.8570, -16.5830

# Conversions

## Conversions Part 2

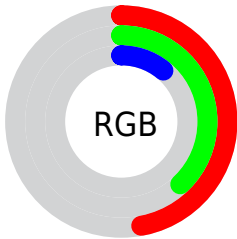
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 119, 27
Decimal	7823387
CIELab	41.79, 1.64, 40.67
CIELCh	42, 40.699, 87.686
Yxy	12.3668, 0.4416, 0.4555
Android (android.graphics.Color)	4286013467 (0xFF77601B)
YUV	95.0110, -33.5294, 21.0384
Hunter-Lab	35.1665, -0.6897, 19.9091

# Details

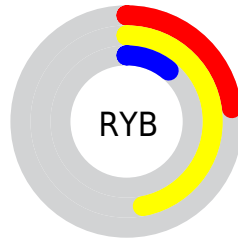
The Hex color **77601B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B3277**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AE924C**, and **433200** is the 20% darker color. If you saturate the color by 10%, you get **775D0F**, and if you desaturate by 10%, it is **776327**.

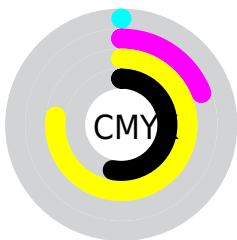
# Distribution



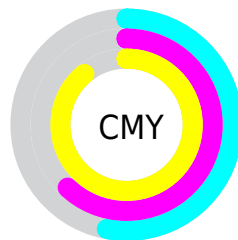
- Red (47%)
- Green (38%)
- Blue (11%)



- Red (23%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (77%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77601B 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 77601B by changing the saturation by 10% instead.





77601B



77601B

FFFFFF



5C4800



AE924C



433200



CBAD65



2A1D00



E8C87F



0E0500



FFE499



000000



FFFFB4



FFFFD0



FFFFED



77601B



77601B

■ 775D0F

■ 776327

■ 775A03

■ 776633

■ 775900

■ 77693F

■ 776C4B

■ 776F56

■ 777262

■ 77756E

■ 77787A

■ 777B86

# Harmonies

## Analogous

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



90532A



77601B



566A23

# Triad

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



77601B



007381



894D87

# Complementary

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



77601B



1B3277

# 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.



5F5B9E



77601B



006F9B

# Square

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



77601B



00735F



0067A5



9D4467

# Rectangle

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



77601B



3B6E33



0067A5



7E5190



# Sweetspot

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



77601B



9C9378



771B32



4F4A39



CFCFCF



4F4F4F



# Same Dimension

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



77601B



9C770B



60771B



3B3935



7A5C00



FABB00



# Inverse Universe

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



1B3277



0B2F9C



321B77



35363B



001F7A

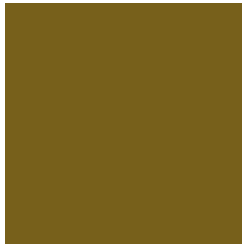


003EFA



# Previews

## White Background



This preview shows how the Hex color 77601B looks on a white background.

## Color Contrast Check

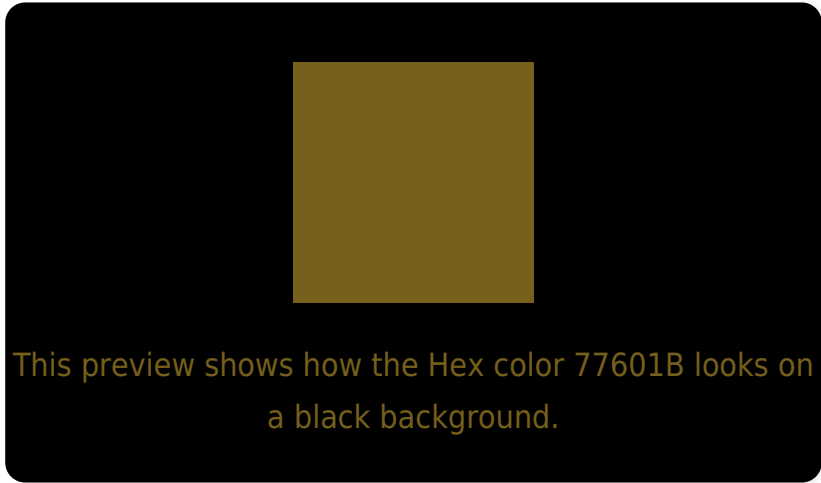
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 77601B Background



This preview shows how black text looks on a background with the Hex color 77601B.



This preview shows how white text looks on a background with the Hex color 77601B.

# 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



**Original Color**

77601B

**Protanopia**

6F631C

**Deuteranopia**

7C5E1C



**Tritanopia**  
7C5A60

# Trichromacy



**Original Color**  
77601B

**Protanomaly**  
72621C

**Deuteranomaly**  
7A5F1C

**Tritanomaly**  
7A5C47

# Monochromacy



**Original Color**  
77601B

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
685F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77601B 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 #77601B looks like.

```
.text, #text, p{  
    color:#77601B  
}
```

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 #77601B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77601B
}
```

## Border

The CSS property to change the border of an element to Hex 77601B 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
#77601B }
```

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

```
.border{ border-color:#77601B }
```

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

Here you see how a box with a 4 pixel #77601B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77601B; -webkit-box-shadow:4px 4px  
4px 4px #77601B; box-shadow:4px 4px 4px  
4px #77601B }
```

# Background

The CSS property to change the background color of an element to Hex 77601B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77601B }
```

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

```
.background{ background-color:#77601B }
```

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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