

Converting Colors

Hex(76011B)

Have a look what the booklet for
Hex(76011B) contains.

Hex(76011B)	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(76011B)

Conversions

Conversions Part 1

Format	Color
Hex	76011B
RGB	118, 1, 27
RGB Percent	46%, 0%, 11%
CMY	0.5373, 0.9961, 0.8941
CMYK	0.00, 0.99, 0.77, 0.54
HSL	347°, 98%, 23%
HSV	347°, 99%, 46%
XYZ	7.6799, 3.9524, 1.3950
YIQ	38.9470, 61.3860, 32.8900

Conversions

Conversions Part 2

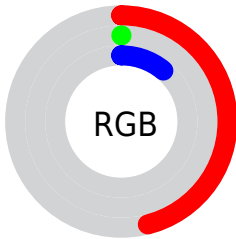
Format	Color
RYB	118, 1, 27
Decimal	7733531
CIELab	23.51, 45.84, 21.33
CIElCh	24, 50.562, 24.949
Yxy	3.9524, 0.5895, 0.3034
Android (android.graphics.Color)	4285923611 (0xFF76011B)
YUV	38.9470, -5.8899, 69.3295
Hunter-Lab	19.8806, 34.1636, 9.7561

Details

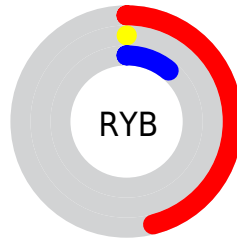
The Hex color **76011B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **01765C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **B14146**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **76001A**, and if you desaturate by 10%, it is **760D24**.

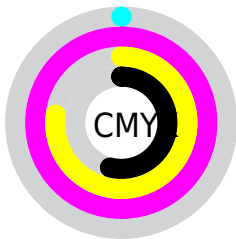
Distribution



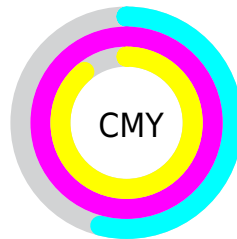
- Red (46%)
- Green (0%)
- Blue (11%)



- Red (46%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (99%)
- Yellow (77%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76011B 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 76011B by changing the saturation by 10% instead.

 76011B

 76011B

FFFFFFE

 5A0001

 B14146

 3E0000

 CE5B5E

 200001

 ED7676

 000000

 FF9190

 FFACAA

 FFC9C6

 FFE5E2

 76011B

 76011B

■ 76001A

■ 760D24

■ 76192D

■ 762437

■ 763040

■ 763C49

■ 764852

■ 76545B

■ 765F64

■ 766B6E

Harmonies

Analogous

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



750040



76011B



672200

Triad

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



76011B



004504



003F85

Complementary

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



76011B



01765C

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.



004676



76011B



004730

Square

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



76011B



273F00



004857



1D317E

Rectangle

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



76011B



552F00



004857



004282

Sweetspot

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



76011B



996B75



5B0176



4D3137



CCCCCC



4D4D4D

Same Dimension

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



76011B



990022



762001



3B3536



7A001B



FA0038

Inverse Universe

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



76011B



990022



015776



3B3536



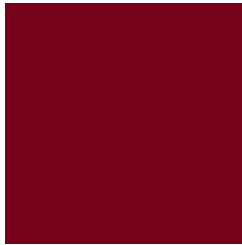
7A001B



FA0038

Previews

White Background



This preview shows how the Hex color 76011B looks on a white background.

Color Contrast Check

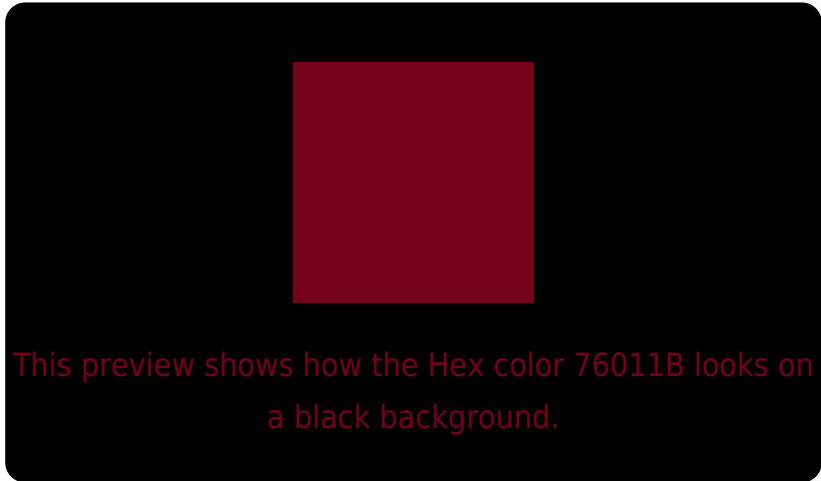
Large Text (above 18pt) WCAG AA ✓ Pass

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 76011B Background



This preview shows how black text looks on a background with the Hex color 76011B.



This preview shows how white text looks on a background with the Hex color 76011B.

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
76011B

Protanopia
413C29

Deuteranopia
4B3914



Tritanopia
760B06

Trichromacy



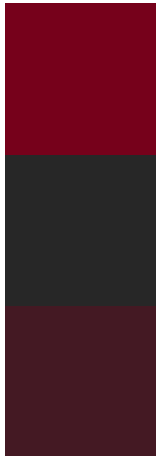
Original Color
76011B

Protanomaly
542724

Deuteranomaly
5B2517

Tritanomaly
76070E

Monochromacy



Original Color
76011B

Achromatopsia
272727

Achromatomaly
441923

CSS Examples

Text

The CSS property to change the color of the text to Hex 76011B 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 #76011B looks like.

```
.text, #text, p{  
    color:#76011B  
}
```

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 #76011B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76011B
}
```

Border

The CSS property to change the border of an element to Hex 76011B is called "border". The border property can be set on classes, ids or directly on the HTML element.

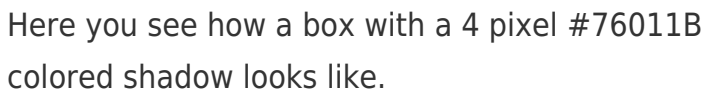
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76011B }
```

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

```
.border{ border-color:#76011B }
```

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



Here you see how a box with a 4 pixel #76011B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76011B; -webkit-box-shadow:4px 4px  
4px 4px #76011B; box-shadow:4px 4px 4px  
4px #76011B }
```

Background

The CSS property to change the background color of an element to Hex 76011B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76011B }
```

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

```
.background{ background-color:#76011B }
```

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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