

Converting Colors

Hex(7B0011)

Have a look what the booklet for
Hex(7B0011) contains.

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Color

Hex(7B0011)

Conversions

Conversions Part 1

Format	Color
Hex	7B0011
RGB	123, 0, 17
RGB Percent	48%, 0%, 7%
CMY	0.5176, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.86, 0.52
HSL	352°, 100%, 24%
HSV	352°, 100%, 48%
XYZ	8.2696, 4.2514, 0.9151
YIQ	38.7150, 67.8510, 31.3630

Conversions

Conversions Part 2

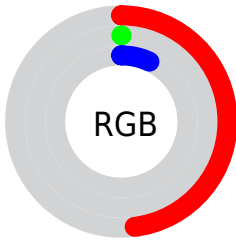
Format	Color
RYB	123, 0, 17
Decimal	8060945
CIELab	24.49, 47.05, 29.13
CIELCh	24, 55.336, 31.762
Yxy	4.2514, 0.6155, 0.3164
Android (android.graphics.Color)	4286251025 (0xFF7B0011)
YUV	38.7150, -10.7055, 73.9179
Hunter-Lab	20.6190, 35.5069, 11.8020

Details

The Hex color **7B0011** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007B6A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **B7413C**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7B0011**, and if you desaturate by 10%, it is **7B0C1C**.

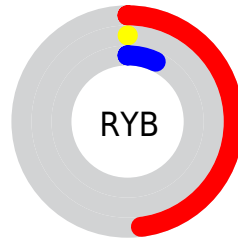
Distribution



Red (48%)

Green (0%)

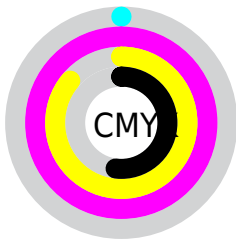
Blue (7%)



Red (48%)

Yellow (0%)

Blue (7%)

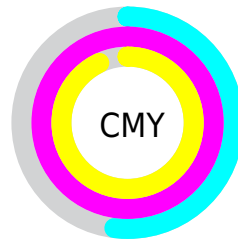


Cyan (0%)

Magenta (100%)

Yellow (86%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0011 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 7B0011 by changing the saturation by 10% instead.

 7B0011

 7B0011

 FFFFF2

 5E0000

 B7413C

 410000

 D55C53

 250001

 F4776B

 000000

 FF9284

 FFAE9F

 FFCABA

 FFE7D5

 7B0011

 7B0C1C

 7B1926

 7B2531

 7B313B

 7B3E46

 7B4A51

 7B565B

 7B6266

 7B6F70

Harmonies

Analogous

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



7F003A



7B0011



662700

Triad

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



7B0011



00480D



00408F

Complementary

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



7B0011



007B6A

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.



004884



7B0011



004A3C

Square

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



7B0011



1A4400



004B66



342D82

Rectangle

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



7B0011



523500



004B66



00438E

Sweetspot

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



7B0011



A17077



69007B



523438



D1D1D1



525252

Same Dimension

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



7B0011



A10016



7B2B00



3D3738



7D0011



FC0023

Inverse Universe

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



7B0011



A10016



00507B



3D3738



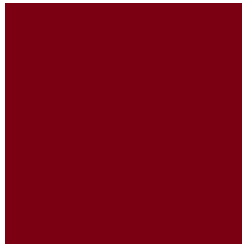
7D0011



FC0023

Previews

White Background



This preview shows how the Hex color 7B0011 looks on a white background.

Color Contrast Check

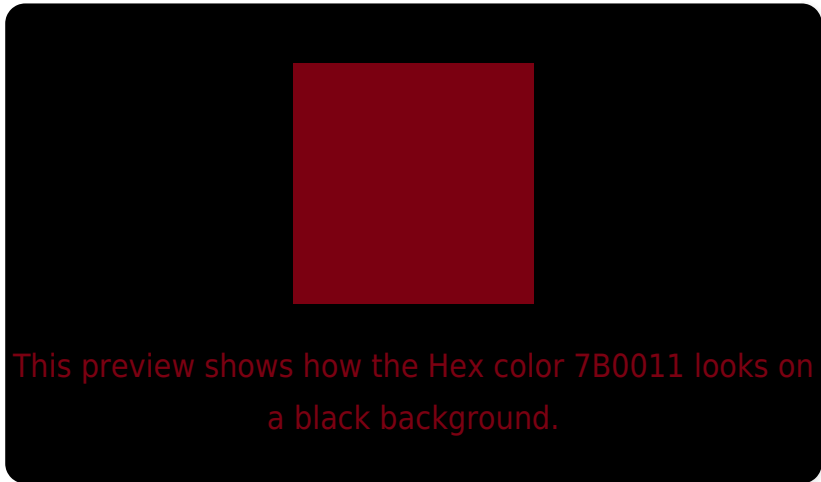
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B0011 Background



This preview shows how black text looks on a background with the Hex color 7B0011.



This preview shows how white text looks on a background with the Hex color 7B0011.

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
7B0011

Protanopia
453E1C

Tritanopia
7A0B00

Trichromacy



Original Color
7B0011

Protanomaly
592718

Tritanomaly
7A0706

Monochromacy



Original Color
7B0011

Achromatopsia
272727

Achromatomaly
46191F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0011 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 #7B0011 looks like.

```
.text, #text, p{  
    color:#7B0011  
}
```

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 #7B0011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0011
}
```

Border

The CSS property to change the border of an element to Hex 7B0011 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
#7B0011 }
```

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

```
.border{ border-color:#7B0011 }
```

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

Here you see how a box with a 4 pixel #7B0011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0011; -webkit-box-shadow:4px 4px  
4px 4px #7B0011; box-shadow:4px 4px 4px  
4px #7B0011 }
```

Background

The CSS property to change the background color of an element to Hex 7B0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0011 }
```

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

```
.background{ background-color:#7B0011 }
```

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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