

Converting Colors

Hex(75031B)

Have a look what the booklet for
Hex(75031B) contains.

Hex(75031B)	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(75031B)

Conversions

Conversions Part 1

Format	Color
Hex	75031B
RGB	117, 3, 27
RGB Percent	46%, 1%, 11%
CMY	0.5412, 0.9882, 0.8941
CMYK	0.00, 0.97, 0.77, 0.54
HSL	347°, 95%, 24%
HSV	347°, 97%, 46%
XYZ	7.5665, 3.9262, 1.3959
YIQ	39.8220, 60.2400, 31.6320

Conversions

Conversions Part 2

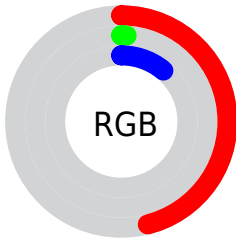
Format	Color
RYB	117, 3, 27
Decimal	7668507
CIELab	23.43, 45.15, 21.17
CIELCh	23, 49.867, 25.116
Yxy	3.9262, 0.5871, 0.3046
Android (android.graphics.Color)	4285858587 (0xFF75031B)
YUV	39.8220, -6.3212, 67.6851
Hunter-Lab	19.8146, 33.4877, 9.6932

Details

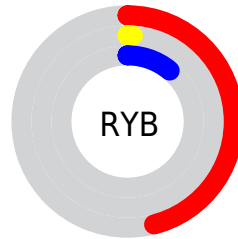
The Hex color **75031B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03755D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **AF4246**, and **3D0000** is the 20% darker color. If you saturate the color by 10%, you get **750019**, and if you desaturate by 10%, it is **750F24**.

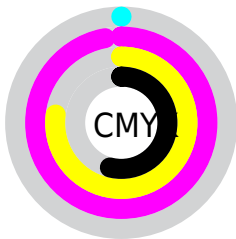
Distribution



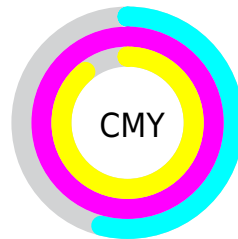
- Red (46%)
- Green (1%)
- Blue (11%)



- Red (46%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (97%)
- Yellow (77%)
- Black (54%)



- Cyan (54%)
- Magenta (99%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75031B 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 75031B by changing the saturation by 10% instead.

 75031B

 75031B

FFFFFFE

 590001

 AF4246

 3D0000

 CD5C5E

 1E0001

 EC7676

 000000

 FF9190

 FFADAB

 FFC9C6

 FFE6E2

 75031B

 75031B

■ 750019

■ 750F24

■ 751A2D

■ 752637

■ 753240

■ 753E49

■ 754952

■ 75555C

■ 756165

■ 756C6E

Harmonies

Analogous

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



740040



75031B



662200

Triad

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



75031B



004406



003F83

Complementary

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



75031B



03755D

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.



004575



75031B



004730

Square

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



75031B



283F00



004757



1F317C

Rectangle

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



75031B



552F00



004757



004281

Sweetspot

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



75031B



996D76



5C0375



4D3237



CCCCCC



4D4D4D

Same Dimension

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



75031B



990020



752303



3B3536



7A001A



FA0035

Inverse Universe

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



75031B



990020



035575



3B3536



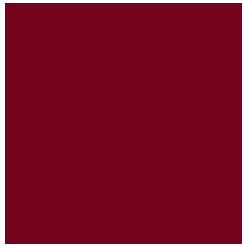
7A001A



FA0035

Previews

White Background



This preview shows how the Hex color 75031B looks on a white background.

Color Contrast Check

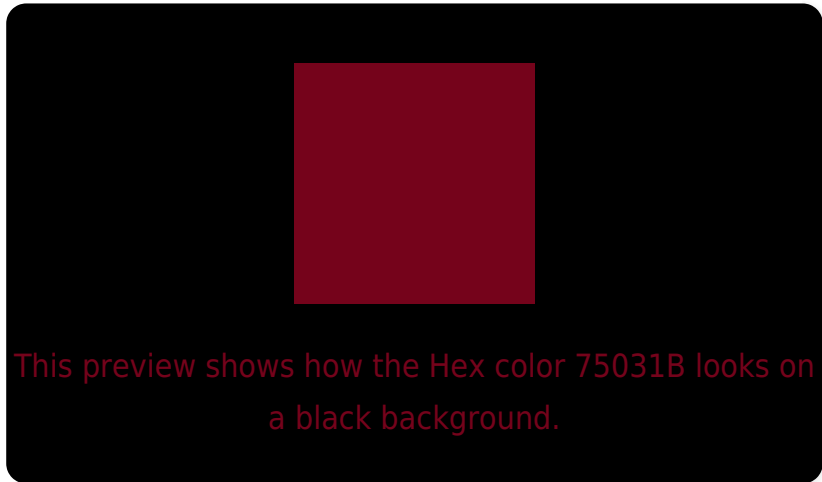
Large Text (above 18pt) WCAG AA ✓ Pass

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 75031B Background



This preview shows how black text looks on a background with the Hex color 75031B.



This preview shows how white text looks on a background with the Hex color 75031B.

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
75031B

Protanopia
403B29

Deuteranopia
4A3814



Tritanopia
750C06

Trichromacy



Original Color
75031B

Protanomaly
532724

Deuteranomaly
5A2517

Tritanomaly
75090E

Monochromacy



Original Color
75031B

Achromatopsia
282828

Achromatomaly
441B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 75031B 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 #75031B looks like.

```
.text, #text, p{  
    color:#75031B  
}
```

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 #75031B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75031B
}
```

Border

The CSS property to change the border of an element to Hex 75031B 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".

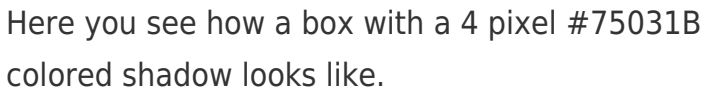
```
.border, #border, table{ border:4px solid
#75031B }
```

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

```
.border{ border-color:#75031B }
```

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

Here you see how a box with a 4 pixel #75031B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75031B; -webkit-box-shadow:4px 4px  
4px 4px #75031B; box-shadow:4px 4px 4px  
4px #75031B }
```

Background

The CSS property to change the background color of an element to Hex 75031B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75031B }
```

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

```
.background{ background-color:#75031B }
```

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