

Converting Colors

Hex(67270B)

Have a look what the booklet for
Hex(67270B) contains.

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Color

Hex(67270B)

Conversions

Conversions Part 1

Format	Color
Hex	67270B
RGB	103, 39, 11
RGB Percent	40%, 15%, 4%
CMY	0.5961, 0.8471, 0.9569
CMYK	0.00, 0.62, 0.89, 0.60
HSL	18°, 81%, 22%
HSV	18°, 89%, 40%
XYZ	6.3794, 4.3588, 0.8217
YIQ	54.9440, 47.1320, 4.8600

Conversions

Conversions Part 2

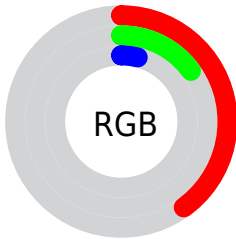
Format	Color
RYB	103, 51, 11
Decimal	6760203
CIELab	24.82, 27.23, 31.05
CIElCh	25, 41.298, 48.744
Yxy	4.3588, 0.5519, 0.3771
Android (android.graphics.Color)	4284950283 (0xFF67270B)
YUV	54.9440, -21.6644, 42.1451
Hunter-Lab	20.8777, 18.0071, 12.2808

Details

The Hex color **67270B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B4B67**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **9F5637**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **672001**, and if you desaturate by 10%, it is **672E15**.

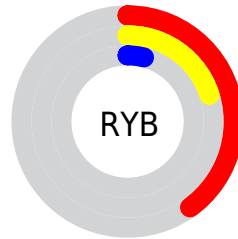
Distribution



Red (40%)

Green (15%)

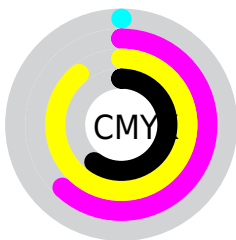
Blue (4%)



Red (40%)

Yellow (20%)

Blue (4%)

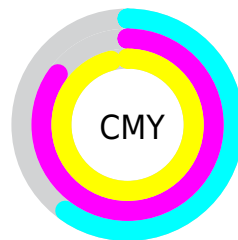


Cyan (0%)

Magenta (62%)

Yellow (89%)

Black (60%)



Cyan (60%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67270B 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 67270B by changing the saturation by 10% instead.

 67270B

 67270B

 FFFFEE

 4C0F00

 9F5637

 310000

 BC6F4F

 0D0000

 DA8967

 000000

 F8A481

 FFBF9B

 FFDBB6

 FFF8D1

 67270B

 67270B

■ 672001

■ 672E15

■ 671F00

■ 673520

■ 673C2A

■ 674434

■ 674B3F

■ 675249

■ 675953

■ 67605D

■ 676768

Harmonies

Analogous

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



711929



67270B



533500

Triad

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



67270B



00482E



1B3877

Complementary

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



67270B



0B4B67

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.



004278



67270B



00494E

Square

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



67270B



08450D



004769



542864

Rectangle

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



67270B



413C00



004769



003C79

Sweetspot

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



67270B



876E63



670B4B



45362F



C4C4C4



454545

Same Dimension

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



67270B



872900



67550B



332F2E



732300



F24A00

Inverse Universe

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



0B4B67



005E87



0B1D67



2E3133



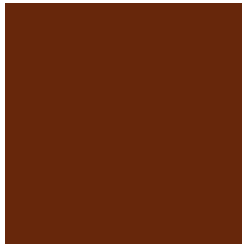
005073



00A9F2

Previews

White Background



This preview shows how the Hex color 67270B looks on a white background.

Color Contrast Check

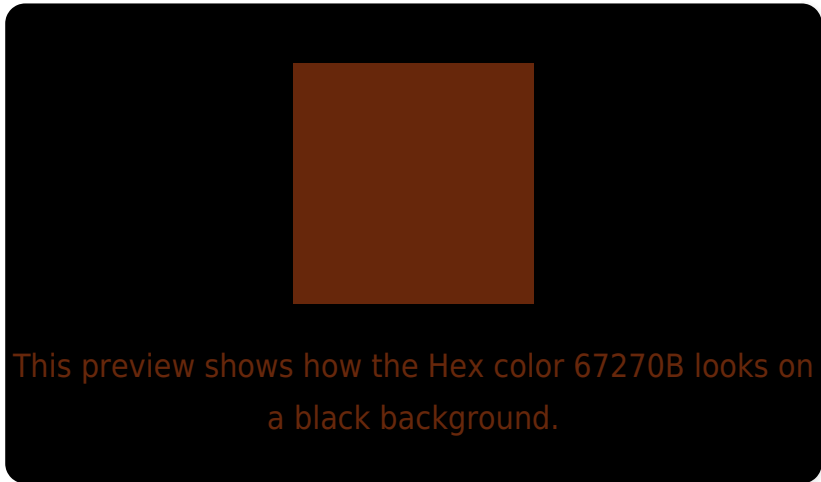
Large Text (above 18pt) WCAG AA ✓ Pass

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

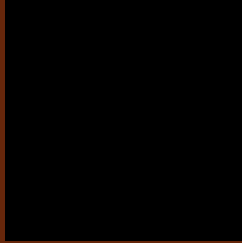
Any Text WCAG AA × Fail

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 67270B Background



This preview shows how black text looks on a background with the Hex color 67270B.



This preview shows how white text looks on a background with the Hex color 67270B.

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
67270B

Protanopia
433C10

Deuteranopia
4C3900



Tritanopia
682427

Trichromacy



Original Color
67270B

Protanomaly
50340E

Deuteranomaly
563204

Tritanomaly
68251D

Monochromacy



Original Color
67270B

Achromatopsia
373737

Achromatomaly
483127

CSS Examples

Text

The CSS property to change the color of the text to Hex 67270B 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 #67270B looks like.

```
.text, #text, p{  
    color:#67270B  
}
```

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 #67270B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67270B
}
```

Border

The CSS property to change the border of an element to Hex 67270B is called "border". The border property can be set on classes, ids or directly on the HTML element.

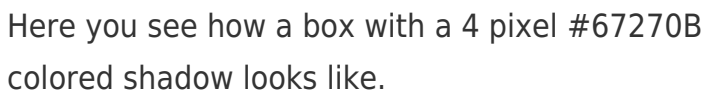
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67270B }
```

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

```
.border{ border-color:#67270B }
```

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



Here you see how a box with a 4 pixel #67270B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67270B; -webkit-box-shadow:4px 4px  
4px 4px #67270B; box-shadow:4px 4px 4px  
4px #67270B }
```

Background

The CSS property to change the background color of an element to Hex 67270B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67270B }
```

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

```
.background{ background-color:#67270B }
```

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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