

Converting Colors

Hex(670B18)

Have a look what the booklet for
Hex(670B18) contains.

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Color

Hex(670B18)

Conversions

Conversions Part 1

Format	Color
Hex	670B18
RGB	103, 11, 24
RGB Percent	40%, 4%, 9%
CMY	0.5961, 0.9569, 0.9059
CMYK	0.00, 0.89, 0.77, 0.60
HSL	352°, 81%, 22%
HSV	352°, 89%, 40%
XYZ	5.8781, 3.1889, 1.1699
YIQ	39.9900, 50.6590, 23.5470

Conversions

Conversions Part 2

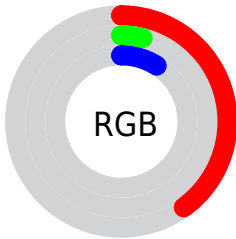
Format	Color
RYB	103, 11, 24
Decimal	6753048
CIELab	20.78, 39.17, 19.29
CIElCh	21, 43.665, 26.218
Yxy	3.1889, 0.5742, 0.3115
Android (android.graphics.Color)	4284943128 (0xFF670B18)
YUV	39.9900, -7.8831, 55.2598
Hunter-Lab	17.8574, 27.5059, 8.6160

Details

The Hex color **670B18** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B675A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **A04243**, and **330001** is the 20% darker color. If you saturate the color by 10%, you get **67010F**, and if you desaturate by 10%, it is **671521**.

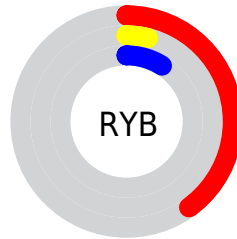
Distribution



Red (40%)

Green (4%)

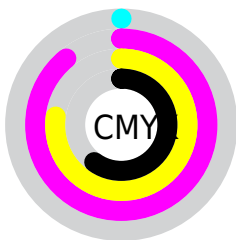
Blue (9%)



Red (40%)

Yellow (4%)

Blue (9%)

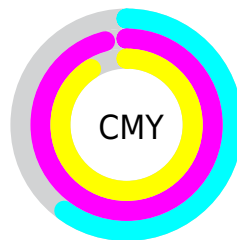


Cyan (0%)

Magenta (89%)

Yellow (77%)

Black (60%)



Cyan (60%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670B18 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 670B18 by changing the saturation by 10% instead.

 670B18

 670B18

 FFFFFA

 4C0000

 A04243

 330001

 BD5B5A

 000000

 DB7573

 F9908C

 FFABA7

 FFC7C2

 FFE3DE

 670B18

 670B18

■ 67010F

■ 671521

■ 67000F

■ 67202A

■ 672A33

■ 67343B

■ 673F44

■ 67494D

■ 675356

■ 675D5F

■ 676868

Harmonies

Analogous

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



670238



670B18



5A2000

Triad

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



670B18



003D09



003873

Complementary

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



670B18



0B675A

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.



003E68



670B18



003F2D

Square

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



670B18



243800



003F4E



222B6C

Rectangle

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



670B18



4B2B00



003F4E



003A71

Sweetspot

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



670B18



876368



590B67



452F32



C4C4C4



454545

Same Dimension

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



670B18



870013



672B0B



332E2F



730010



F20022

Inverse Universe

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



670B18



870013



0B4767



332E2F



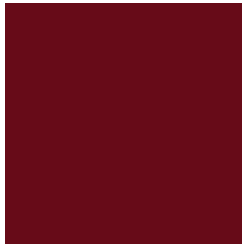
730010



F20022

Previews

White Background



This preview shows how the Hex color 670B18 looks on a white background.

Color Contrast Check

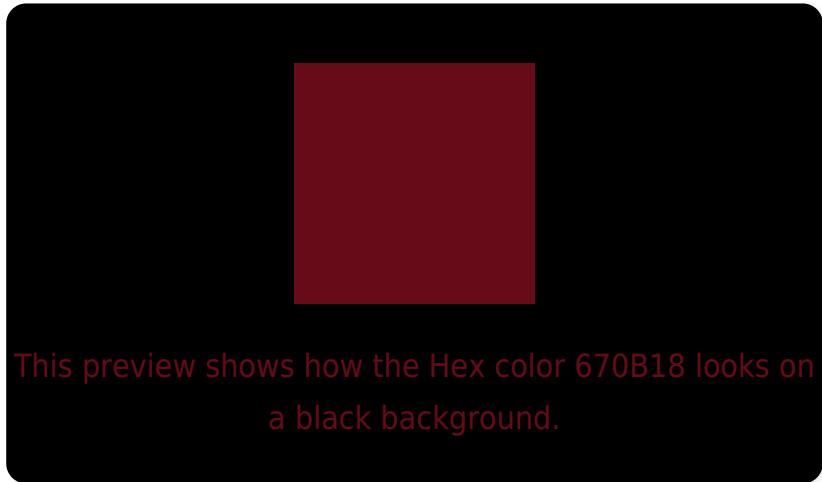
Large Text (above 18pt) WCAG AA ✓ Pass

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 670B18 Background



This preview shows how black text looks on a background with the Hex color 670B18.

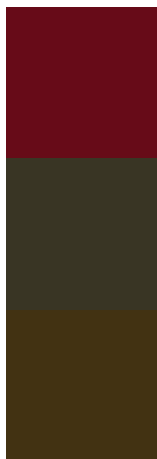


This preview shows how white text looks on a background with the Hex color 670B18.

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
670B18

Protanopia
393524

Deuteranopia
423212

Trichromacy



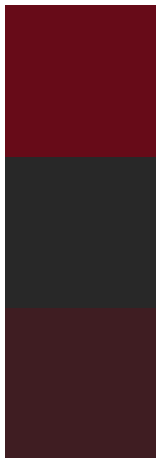
Original Color
670B18

Protanomaly
4A2620

Deuteranomaly
4F2414

Tritanomaly
670D10

Monochromacy



Original Color
670B18

Achromatopsia
282828

Achromatomaly
3F1D22

CSS Examples

Text

The CSS property to change the color of the text to Hex 670B18 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 #670B18 looks like.

```
.text, #text, p{  
    color:#670B18  
}
```

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 #670B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670B18
}
```

Border

The CSS property to change the border of an element to Hex 670B18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

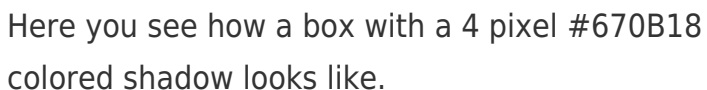
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670B18 }
```

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

```
.border{ border-color:#670B18 }
```

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



Here you see how a box with a 4 pixel #670B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670B18; -webkit-box-shadow:4px 4px  
4px 4px #670B18; box-shadow:4px 4px 4px  
4px #670B18 }
```

Background

The CSS property to change the background color of an element to Hex 670B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670B18 }
```

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

```
.background{ background-color:#670B18 }
```

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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