

Converting Colors

Hex(700018)

Have a look what the booklet for
Hex(700018) contains.

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Color

Hex(700018)

Conversions

Conversions Part 1

Format	Color
Hex	700018
RGB	112, 0, 24
RGB Percent	44%, 0%, 9%
CMY	0.5608, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.79, 0.56
HSL	347°, 100%, 22%
HSV	347°, 100%, 44%
XYZ	6.8470, 3.5107, 1.1809
YIQ	36.2240, 59.0480, 31.2080

Conversions

Conversions Part 2

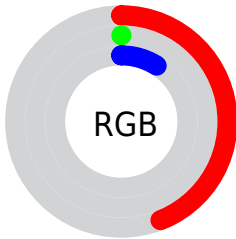
Format	Color
R_YB	112, 0, 24
Decimal	7340056
CIE Lab	21.98, 44.32, 21.22
CIE LCh	22, 49.141, 25.579
Yxy	3.5107, 0.5934, 0.3043
Android (android.graphics.Color)	4285530136 (0xFF700018)
YUV	36.2240, -6.0264, 66.4556
Hunter-Lab	18.7368, 32.4394, 9.3790

Details

The Hex color **700018** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007058**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **AA3F43**, and **390001** is the 20% darker color. If you saturate the color by 10%, you get **700018**, and if you desaturate by 10%, it is **700B21**.

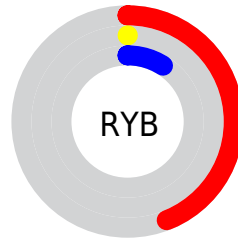
Distribution



Red (44%)

Green (0%)

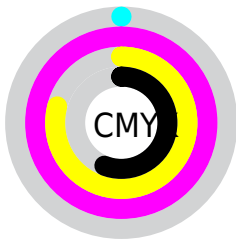
Blue (9%)



Red (44%)

Yellow (0%)

Blue (9%)

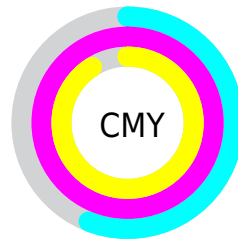


Cyan (0%)

Magenta (100%)

Yellow (79%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 700018 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 700018 by changing the saturation by 10% instead.

 700018

 700018

 FFFFFFFA

 540000

 AA3F43

 390001

 C8595A

 150000

 E67373

 000000

 FF8E8C

 FFAAA6

 FFC6C2

 FFE2DE

 700018

 700B21

 70162A

 702232

 702D3B

 703844

 70434D

 704E56

 705A5E

 706567

Harmonies

Analogous

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



70003C



700018



612000

Triad

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



700018



004104



003B7E

Complementary

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



700018



007058

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.



004271



700018



00432E

Square

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



700018



243C00



004453



1D2D77

Rectangle

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



700018



502D00



004453



003E7C

Sweetspot

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



700018



91666F



580070



4A2F35



C9C9C9



4A4A4A

Same Dimension

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



700018



91001F



702000



383234



78001A



F70035

Inverse Universe

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



700018



91001F



005070



383234



78001A



F70035

Previews

White Background



This preview shows how the Hex color 700018 looks on a white background.

Color Contrast Check

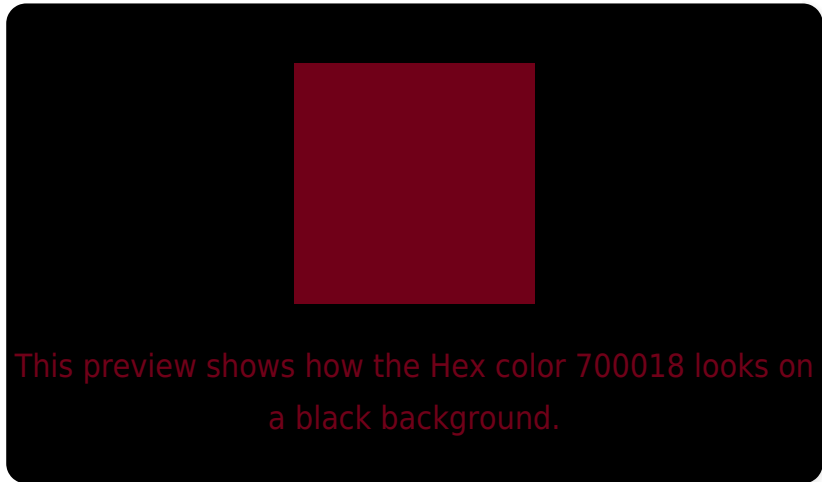
Large Text (above 18pt) WCAG AA ✓ Pass

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

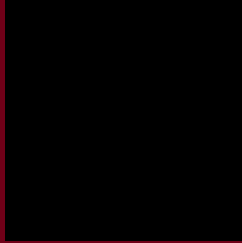
Any Text WCAG AA × Fail

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 700018 Background



This preview shows how black text looks on a background with the Hex color 700018.



This preview shows how white text looks on a background with the Hex color 700018.

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
700018

Protanopia
3E3925

Deuteranopia
473610



Tritanopia
700A03

Trichromacy



Original Color

700018

Protanomaly

502420

Deuteranomaly

562213

Tritanomaly

70060B

Monochromacy



Original Color

700018

Achromatopsia

242424

Achromatomaly

401720

CSS Examples

Text

The CSS property to change the color of the text to Hex 700018 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 #700018 looks like.

```
.text, #text, p{  
    color:#700018  
}
```

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 #700018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700018
}
```

Border

The CSS property to change the border of an element to Hex 700018 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".

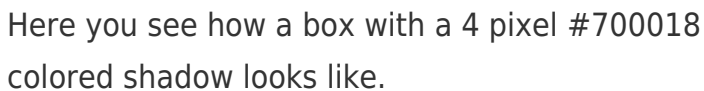
```
.border, #border, table{ border:4px solid
#700018 }
```

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

```
.border{ border-color:#700018 }
```

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

Here you see how a box with a 4 pixel #700018 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700018; -webkit-box-shadow:4px 4px  
4px 4px #700018; box-shadow:4px 4px 4px  
4px #700018 }
```

Background

The CSS property to change the background color of an element to Hex 700018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700018 }
```

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

```
.background{ background-color:#700018 }
```

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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