

Converting Colors

Hex(700B00)

Have a look what the booklet for
Hex(700B00) contains.

Hex(700B00)	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(700B00)

Conversions

Conversions Part 1

Format	Color
Hex	700B00
RGB	112, 11, 0
RGB Percent	44%, 4%, 0%
CMY	0.5608, 0.9569, 1.0000
CMYK	0.00, 0.90, 1.00, 0.56
HSL	6°, 100%, 22%
HSV	6°, 100%, 44%
XYZ	6.8018, 3.6841, 0.3526
YIQ	39.9450, 63.7270, 17.9910

Conversions

Conversions Part 2

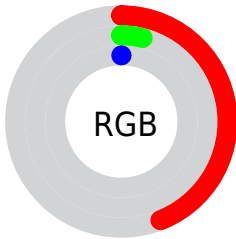
Format	Color
R_{YB}	112, 12, 0
Decimal	7342848
CIE _{Lab}	22.60, 41.21, 33.92
CIE _{LCh}	23, 53.377, 39.454
Yxy	3.6841, 0.6276, 0.3399
Android (android.graphics.Color)	4285532928 (0xFF700B00)
YUV	39.9450, -19.6929, 63.1922
Hunter-Lab	19.1940, 29.6655, 12.3466

Details

The Hex color **700B00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006570**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **AB432F**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **700B00**, and if you desaturate by 10%, it is **70150B**.

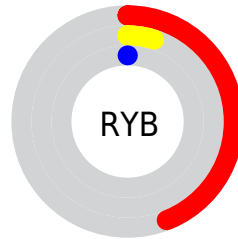
Distribution



Red (44%)

Green (4%)

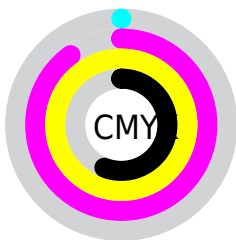
Blue (0%)



Red (44%)

Yellow (5%)

Blue (0%)

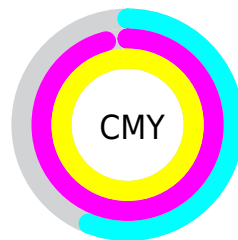


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 700B00 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 700B00 by changing the saturation by 10% instead.

 700B00

 700B00

 FFFFE3

 530000

 AB432F

 380001

 C95D45

 150000

 E7775D

 000000

 FF9276

 FFAD90

 FFC9AB

 FFE6C6

 700B00

 70150B

 701F16

 702922

 70332D

 703D38

 704843

 70524E

 705C5A

 706665

Harmonies

Analogous

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



78002C



700B00



592900

Triad

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



700B00



004418



003886

Complementary

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



700B00



006570

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.



004282



700B00



004642

Square

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



700B00



024000



004668



432374

Rectangle

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



700B00



443400



004668



003C87

Sweetspot

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



700B00



916A66



700067



4A322F



C9C9C9



4A4A4A

Same Dimension

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



700B00



910E00



704100



383332



780C00



F71800

Inverse Universe

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



006570



008391



002F70



323838



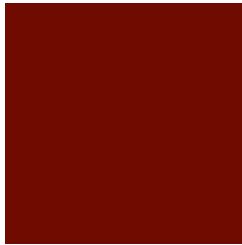
006C78



00DFF7

Previews

White Background



This preview shows how the Hex color 700B00 looks on a white background.

Color Contrast Check

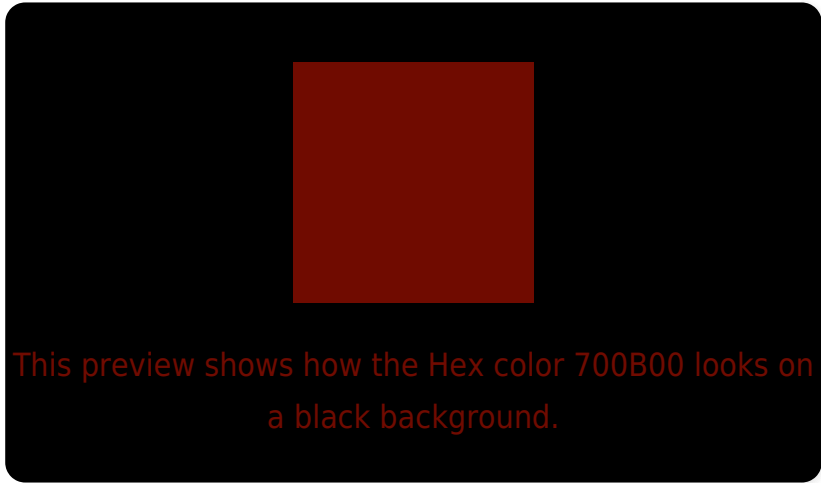
Large Text (above 18pt) WCAG AA ✓ Pass

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

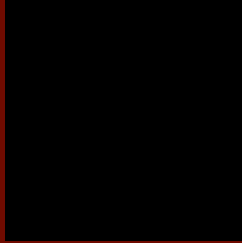
Any Text WCAG AA × Fail

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 700B00 Background



This preview shows how black text looks on a background with the Hex color 700B00.



This preview shows how white text looks on a background with the Hex color 700B00.

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
700B00

Protanopia
40390E

Deuteranopia
483600



Tritanopia
700B06

Trichromacy



Original Color
700B00

Protanomaly
512809

Deuteranomaly
572600

Tritanomaly
700B04

Monochromacy



Original Color
700B00

Achromatopsia
282828

Achromatomaly
421D19

CSS Examples

Text

The CSS property to change the color of the text to Hex 700B00 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 #700B00 looks like.

```
.text, #text, p{  
    color:#700B00  
}
```

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 #700B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700B00
}
```

Border

The CSS property to change the border of an element to Hex 700B00 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".

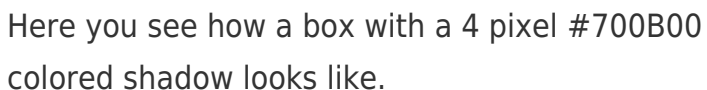
```
.border, #border, table{ border:4px solid
#700B00 }
```

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

```
.border{ border-color:#700B00 }
```

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

Here you see how a box with a 4 pixel #700B00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700B00; -webkit-box-shadow:4px 4px  
4px 4px #700B00; box-shadow:4px 4px 4px  
4px #700B00 }
```

Background

The CSS property to change the background color of an element to Hex 700B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700B00 }
```

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

```
.background{ background-color:#700B00 }
```

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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