

Converting Colors

Hex(700B53)

Have a look what the booklet for
Hex(700B53) contains.

Hex(700B53)	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(700B53)

Conversions

Conversions Part 1

Format	Color
Hex	700B53
RGB	112, 11, 83
RGB Percent	44%, 4%, 33%
CMY	0.5608, 0.9569, 0.6745
CMYK	0.00, 0.90, 0.26, 0.56
HSL	317°, 82%, 24%
HSV	317°, 90%, 44%
XYZ	8.3631, 4.3086, 8.5745
YIQ	49.4070, 37.0840, 43.8040

Conversions

Conversions Part 2

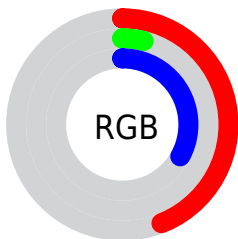
Format	Color
R_{YB}	112, 11, 83
Decimal	7342931
CIE _{Lab}	24.67, 47.10, -15.61
CIE _{LCh}	25, 49.622, 341.663
Yxy	4.3086, 0.3936, 0.2028
Android (android.graphics.Color)	4285533011 (0xFF700B53)
YUV	49.4070, 16.5613, 54.8941
Hunter-Lab	20.7572, 35.5926, -9.9617

Details

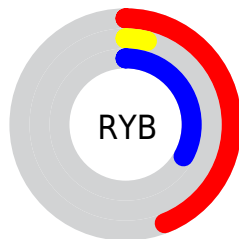
The Hex color **700B53** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0B7028**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A74685**, and **3C0026** is the 20% darker color. If you saturate the color by 10%, you get **700050**, and if you desaturate by 10%, it is **701656**.

Distribution



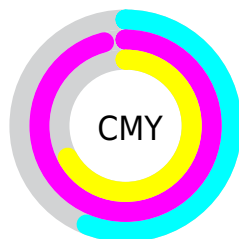
- Red (44%)
- Green (4%)
- Blue (33%)



- Red (44%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (26%)
- Black (56%)



- Cyan (56%)
- Magenta (96%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 700B53 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 700B53 by changing the saturation by 10% instead.

 700B53

 700B53

FFFFFF

 55003C

 A74685

 3C0026

 C3619F

 230010

 E07BBA

 000000

 FE96D6

 FFB2F2

 FFCEFF

 FFE8FF

 700B53

 700B53

700050

701656

702159

702D5D

703860

704363

704E66

70596A

70656D

707070

Harmonies

Analogous

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



4C2873



700B53



7A002E

Triad

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



700B53



3C3E00



004A6C

Complementary

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



700B53



0B7028

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.



004A49



700B53



094500

Square

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



700B53



5B3000



004921



004582

Rectangle

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



700B53



761116



004921



004A61

Sweetspot

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



700B53



916A86



280B70



4A3243



C9C9C9



4A4A4A

Same Dimension

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



700B53



910068



700B21



383236



780055



F700B0

Inverse Universe

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



700B53



910068



0B705A



383236



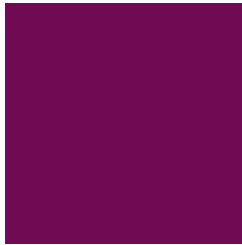
780055



F700B0

Previews

White Background



This preview shows how the Hex color 700B53 looks on a white background.

Color Contrast Check

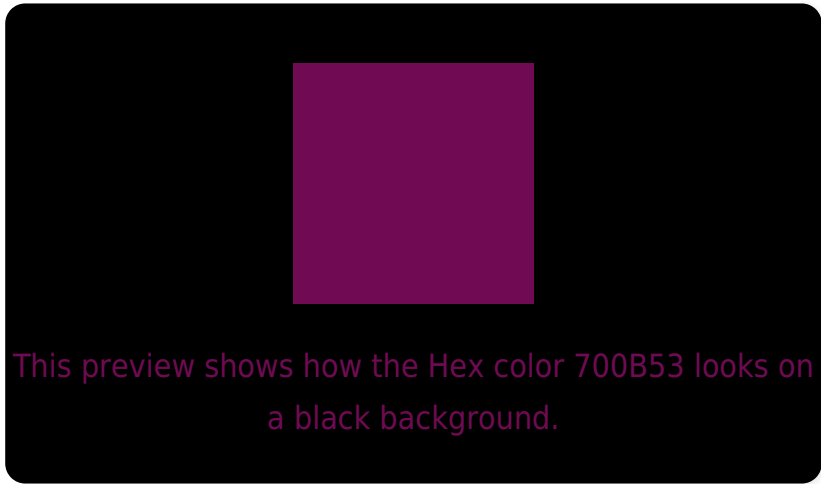
Large Text (above 18pt) WCAG AA ✓ Pass

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

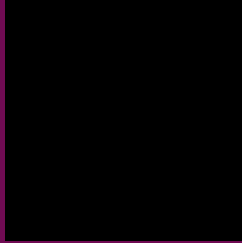
Any Text WCAG AA × Fail

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 700B53 Background



This preview shows how black text looks on a background with the Hex color 700B53.



This preview shows how white text looks on a background with the Hex color 700B53.

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





Tritanopia
6C2224

Trichromacy



Original Color
700B53

Protanomaly
3B2A69

Deuteranomaly
4E2A50

Tritanomaly
6D1A35

Monochromacy



Original Color
700B53

Achromatopsia
313131

Achromatomaly
48233D

CSS Examples

Text

The CSS property to change the color of the text to Hex 700B53 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 #700B53 looks like.

```
.text, #text, p{  
    color:#700B53  
}
```

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 #700B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700B53
}
```

Border

The CSS property to change the border of an element to Hex 700B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

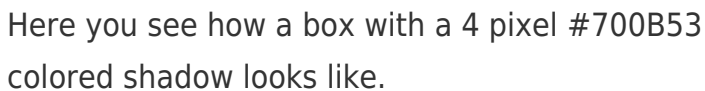
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#700B53 }
```

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

```
.border{ border-color:#700B53 }
```

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



Here you see how a box with a 4 pixel #700B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700B53; -webkit-box-shadow:4px 4px  
4px 4px #700B53; box-shadow:4px 4px 4px  
4px #700B53 }
```

Background

The CSS property to change the background color of an element to Hex 700B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700B53 }
```

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

```
.background{ background-color:#700B53 }
```

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