

Converting Colors

Hex(730733)

Have a look what the booklet for
Hex(730733) contains.

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Color

Hex(730733)

Conversions

Conversions Part 1

Format	Color
Hex	730733
RGB	115, 7, 51
RGB Percent	45%, 3%, 20%
CMY	0.5490, 0.9725, 0.8000
CMYK	0.00, 0.94, 0.56, 0.55
HSL	336°, 89%, 24%
HSV	336°, 94%, 45%
XYZ	7.7438, 4.0358, 3.5028
YIQ	44.3080, 50.2440, 36.5800

Conversions

Conversions Part 2

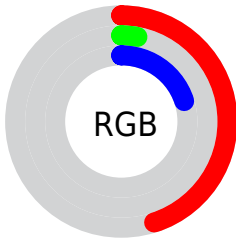
Format	Color
R_{YB}	115, 7, 51
Decimal	7538483
CIE Lab	23.79, 45.25, 4.99
CIE LCh	24, 45.526, 6.298
Yxy	4.0358, 0.5067, 0.2641
Android (android.graphics.Color)	4285728563 (0xFF730733)
YUV	44.3080, 3.2992, 61.9969
Hunter-Lab	20.0893, 33.6493, 3.7246

Details

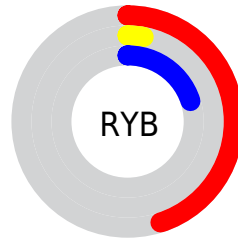
The Hex color **730733** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **077347**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **AC4461**, and **3E0004** is the 20% darker color. If you saturate the color by 10%, you get **73002F**, and if you desaturate by 10%, it is **73123A**.

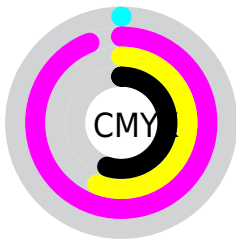
Distribution



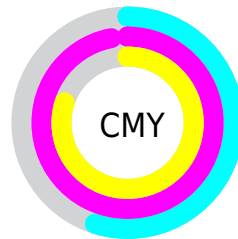
- Red (45%)
- Green (3%)
- Blue (20%)



- Red (45%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (94%)
- Yellow (56%)
- Black (55%)



- Cyan (55%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730733 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 730733 by changing the saturation by 10% instead.

 730733

 730733

FFFFFF

 57001E

 AC4461

 3E0004

 C95E7A

 200001

 E67893

 000000

 FF93AE

 FFAFC9

 FFCBE5

 FFE8FF

 730733

 730733

73002F

73123A

731E41

732947

73354E

734055

734C5C

735863

73636A

736F70

Harmonies

Analogous

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



661655



730733



6E1912

Triad

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



730733



1B4100



004378

Complementary

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



730733



077347

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.



004761



730733



00451B

Square

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



730733



403A00



00473F



003B7D

Rectangle

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



730733



632600



00473F



004572

Sweetspot

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



730733



966C7D



460773



4D323D



CCCCCC



4D4D4D

Same Dimension

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



730733



96003D



731007



3B3537



7A0032



FA0066

Inverse Universe

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



730733



96003D



076A73



3B3537



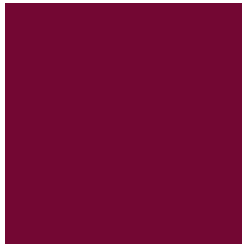
7A0032



FA0066

Previews

White Background



This preview shows how the Hex color 730733 looks on a white background.

Color Contrast Check

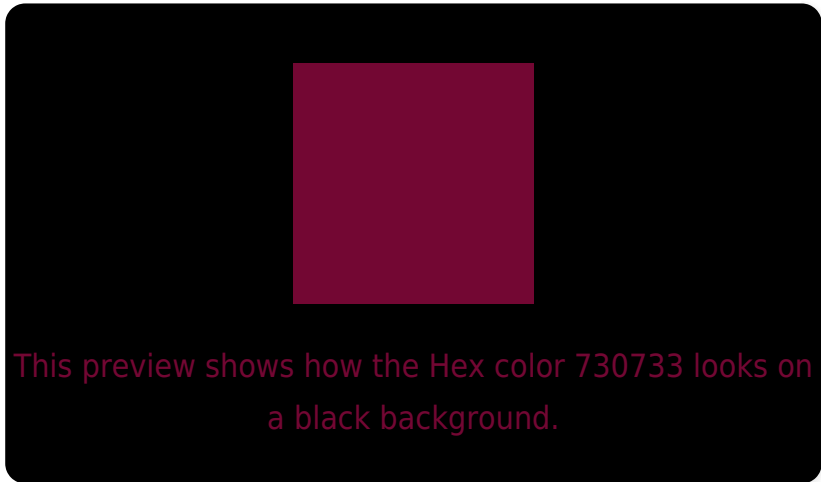
Large Text (above 18pt) WCAG AA ✓ Pass

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 730733 Background



This preview shows how black text looks on a background with the Hex color 730733.



This preview shows how white text looks on a background with the Hex color 730733.

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
730733

Protanopia
383B4A

Deuteranopia
46392E

Trichromacy



Original Color
730733

Protanomaly
4D2842

Deuteranomaly
562730

Tritanomaly
721020

Monochromacy



Original Color
730733

Achromatopsia
2C2C2C

Achromatomaly
461F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 730733 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 #730733 looks like.

```
.text, #text, p{  
  color:#730733  
}
```

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 #730733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730733
}
```

Border

The CSS property to change the border of an element to Hex 730733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

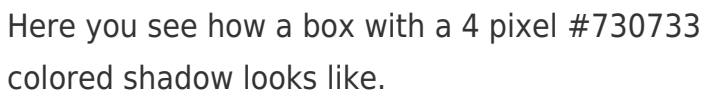
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730733 }
```

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

```
.border{ border-color:#730733 }
```

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



Here you see how a box with a 4 pixel #730733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730733; -webkit-box-shadow:4px 4px  
4px 4px #730733; box-shadow:4px 4px 4px  
4px #730733 }
```

Background

The CSS property to change the background color of an element to Hex 730733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730733 }
```

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

```
.background{ background-color:#730733 }
```

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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