

Converting Colors

Hex(730073)

Have a look what the booklet for
Hex(730073) contains.

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Color

Hex(730073)

Conversions

Conversions Part 1

Format	Color
Hex	730073
RGB	115, 0, 115
RGB Percent	45%, 0%, 45%
CMY	0.5490, 1.0000, 0.5490
CMYK	0.00, 1.00, 0.00, 0.55
HSL	300°, 100%, 23%
HSV	300°, 100%, 45%
XYZ	10.1647, 4.8826, 16.6264
YIQ	47.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

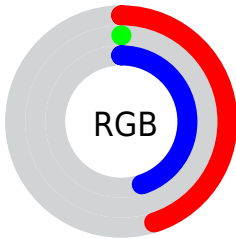
Format	Color
R_{YB}	115, 0, 115
Decimal	7536755
CIE _{Lab}	26.40, 54.58, -33.80
CIE _{LCh}	26, 64.201, 328.233
Yxy	4.8826, 0.3209, 0.1542
Android (android.graphics.Color)	4285726835 (0xFF730073)
YUV	47.4950, 33.2800, 59.2019
Hunter-Lab	22.0967, 43.4429, -29.1442

Details

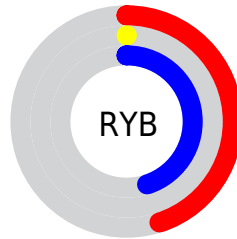
The Hex color **730073** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007300**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **AA44A8**, and **3E0042** is the 20% darker color. If you saturate the color by 10%, you get **730073**, and if you desaturate by 10%, it is **730B73**.

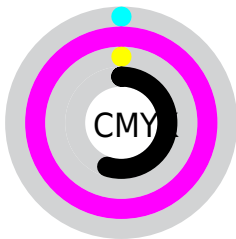
Distribution



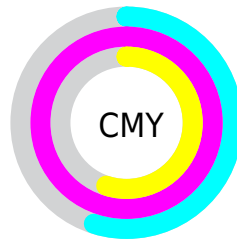
- Red (45%)
- Green (0%)
- Blue (45%)



- Red (45%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730073 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 730073 by changing the saturation by 10% instead.

 730073

 730073

FFFFFF

 58005A

 AA44A8

 3E0042

 C75FC3

 26002C

 E47ADF

 000115

 FF96FC

 000000

 FFB2FF

 FFCEFF

 FFE8FF

 730073

 730B73

 731773

 732373

 732E73

 733A73

 734573

 735173

 735C73

 736873

Harmonies

Analogous

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



213397



730073



8D0044

Triad

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



730073



503C00



00516C

Complementary

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



730073



007300

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.



00513A



730073



1D4800

Square

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



730073



742300



004E00



004F93

Rectangle

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



730073



8E0024



004E00



00515C

Sweetspot

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



730073



966996



000073



4D314D



CCCCCC



4D4D4D

Same Dimension

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



730073



960096



73003A



3B353B



7A007A



FA00FA

Inverse Universe

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



730073



960096



00733A



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 730073 looks on a white background.

Color Contrast Check

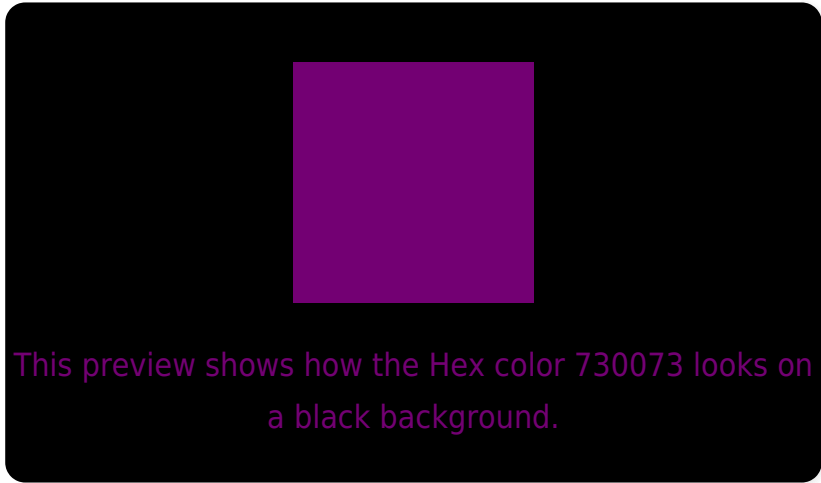
Large Text (above 18pt) WCAG AA ✓ Pass

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

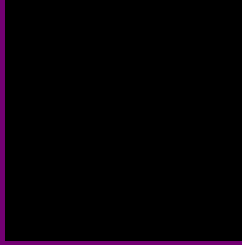
Any Text WCAG AA × Fail

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 730073 Background



This preview shows how black text looks on a background with the Hex color 730073.



This preview shows how white text looks on a background with the Hex color 730073.

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
6C2D30

Trichromacy



Original Color

730073



Protanomaly

2A2980



Deuteranomaly

432A6F



Tritanomaly

6F1D48

Monochromacy



Original Color

730073



Achromatopsia

2F2F2F



Achromatomaly

481E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 730073 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 #730073 looks like.

```
.text, #text, p{  
    color:#730073  
}
```

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 #730073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730073
}
```

Border

The CSS property to change the border of an element to Hex 730073 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".

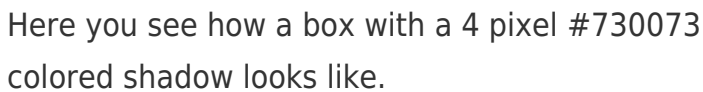
```
.border, #border, table{ border:4px solid
#730073 }
```

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

```
.border{ border-color:#730073 }
```

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

Here you see how a box with a 4 pixel #730073 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730073; -webkit-box-shadow:4px 4px  
4px 4px #730073; box-shadow:4px 4px 4px  
4px #730073 }
```

Background

The CSS property to change the background color of an element to Hex 730073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730073 }
```

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

```
.background{ background-color:#730073 }
```

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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