

Converting Colors

Hex(730081)

Have a look what the booklet for
Hex(730081) contains.

Hex(730081)	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(730081)

Conversions

Conversions Part 1

Format	Color
Hex	730081
RGB	115, 0, 129
RGB Percent	45%, 0%, 51%
CMY	0.5490, 1.0000, 0.4941
CMYK	0.11, 1.00, 0.00, 0.49
HSL	293°, 100%, 25%
HSV	293°, 100%, 51%
XYZ	11.0327, 5.2298, 21.1968
YIQ	49.0910, 27.1310, 64.4990

Conversions

Conversions Part 2

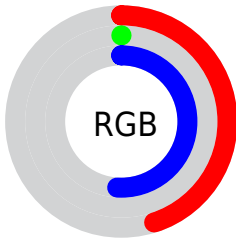
Format	Color
R_{YB}	115, 0, 129
Decimal	7536769
CIE _{Lab}	27.38, 56.92, -41.12
CIE _{LCh}	27, 70.221, 324.155
Yxy	5.2298, 0.2945, 0.1396
Android (android.graphics.Color)	4285726849 (0xFF730081)
YUV	49.0910, 39.3951, 57.8022
Hunter-Lab	22.8688, 46.0940, -38.9471

Details

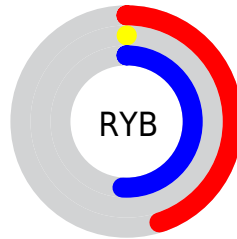
The Hex color **730081** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0E8100**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **AB45B7**, and **3E004F** is the 20% darker color. If you saturate the color by 10%, you get **730081**, and if you desaturate by 10%, it is **740D81**.

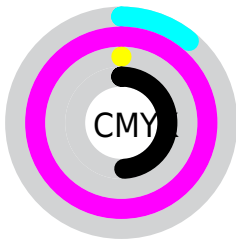
Distribution



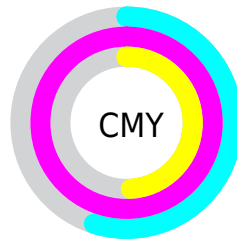
- Red (45%)
- Green (0%)
- Blue (51%)



- Red (45%)
- Yellow (0%)
- Blue (51%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730081 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 730081 by changing the saturation by 10% instead.

 730081

 730081

FFFFFF

 580067


 AB45B7

 3E004F

 C761D3

 260037

 E47CEF

 000021

 FF97FF

 000005

 FFB3FF

 000000

 FFD0FF

 FFEDFF

 730081

■ 740D81

■ 761A81

■ 772781

■ 793481

■ 7A4181

■ 7B4D81

■ 7D5A81

■ 7E6781

■ 807481

Harmonies

Analogous

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



0038A6



730081



95004E

Triad

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



730081



593B00



00556C

Complementary

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



730081



0E8100

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.



005434



730081



244A00

Square

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



730081



7F1B00



005100



005499

Rectangle

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



730081



98002B



005100



00555A

Sweetspot

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



730081



A376A8



000F81



513654



D4D4D4



545454

Same Dimension

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



730081



9600A8



810050



3F3940



720080



000000

Inverse Universe

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



81000E



A80012



008131



40393A



80000E



000000

Previews

White Background



This preview shows how the Hex color 730081 looks on a white background.

Color Contrast Check

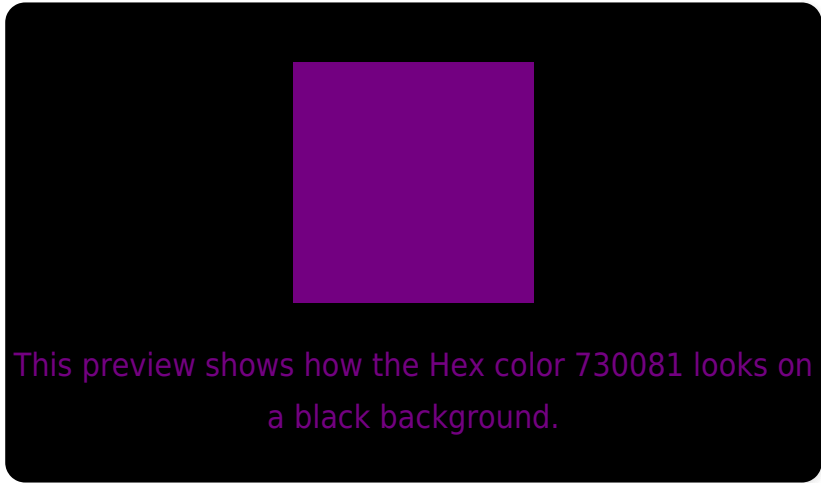
Large Text (above 18pt) WCAG AA ✓ Pass

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

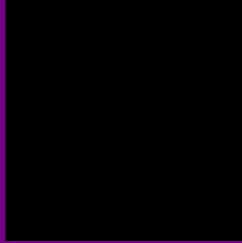
Any Text WCAG AA × Fail

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 730081 Background



This preview shows how black text looks on a background with the Hex color 730081.



This preview shows how white text looks on a background with the Hex color 730081.

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
730081

Protanopia
00428B

Deuteranopia
114579



Tritanopia
6A3336

Trichromacy



Original Color
730081



Protanomaly
2A2A87



Deuteranomaly
352C7C



Tritanomaly
6D2051

Monochromacy



Original Color
730081



Achromatopsia
313131



Achromatomaly
491F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 730081 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 #730081 looks like.

```
.text, #text, p{  
    color:#730081  
}
```

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 #730081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730081
}
```

Border

The CSS property to change the border of an element to Hex 730081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

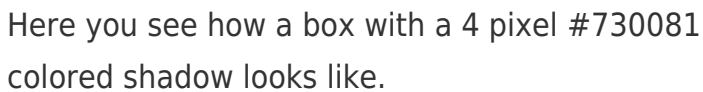
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730081 }
```

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

```
.border{ border-color:#730081 }
```

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



Here you see how a box with a 4 pixel #730081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730081; -webkit-box-shadow:4px 4px  
4px 4px #730081; box-shadow:4px 4px 4px  
4px #730081 }
```

Background

The CSS property to change the background color of an element to Hex 730081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730081 }
```

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

```
.background{ background-color:#730081 }
```

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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