

Converting Colors

Hex(730198)

Have a look what the booklet for
Hex(730198) contains.

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Color

Hex(730198)

Conversions

Conversions Part 1

Format	Color
Hex	730198
RGB	115, 1, 152
RGB Percent	45%, 0%, 60%
CMY	0.5490, 0.9961, 0.4039
CMYK	0.24, 0.99, 0.00, 0.40
HSL	285°, 99%, 30%
HSV	285°, 99%, 60%
XYZ	12.7486, 5.9335, 30.1791
YIQ	52.3000, 19.4730, 71.1290

Conversions

Conversions Part 2

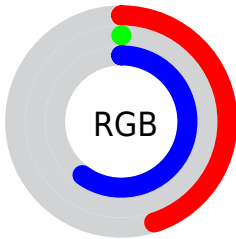
Format	Color
R_{YB}	115, 1, 152
Decimal	7537048
CIE _{Lab}	29.24, 60.93, -52.39
CIE _{LCh}	29, 80.355, 319.306
Yxy	5.9335, 0.2609, 0.1214
Android (android.graphics.Color)	4285727128 (0xFF730198)
YUV	52.3000, 49.1521, 54.9879
Hunter-Lab	24.3589, 50.7927, -56.4054

Details

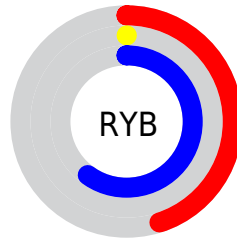
The Hex color **730198** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **269801**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **AB48CF**, and **3C0064** is the 20% darker color. If you saturate the color by 10%, you get **730098**, and if you desaturate by 10%, it is **771098**.

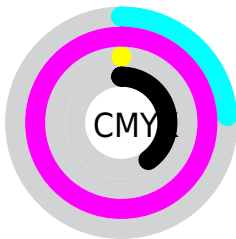
Distribution



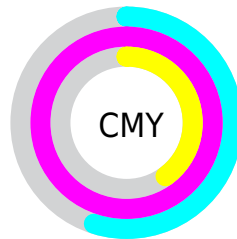
- Red (45%)
- Green (0%)
- Blue (60%)



- Red (45%)
- Yellow (0%)
- Blue (60%)



- Cyan (24%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)



- Cyan (55%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730198 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 730198 by changing the saturation by 10% instead.

 730198

 730198

FFFFFF

 57007D

 AB48CF

 3C0064

 C863EC

 23004B

 E67EFF

 000033

 FF9AFF

 00021D

 FFB6FF

 000000

 FFD3FF

 FFF0FF

 730198

 730198

■ 730098

■ 771098

■ 7A1F98

■ 7E2F98

■ 823E98

■ 864D98

■ 895C98

■ 8D6B98

■ 917B98

■ 958A98

Harmonies

Analogous

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



0040BE



730198



A2005E

Triad

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



730198



673B00



005B6D

Complementary

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



730198



269801

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.



005A2C



730198



2D4E00

Square

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



730198



910000



005600



005BA5

Rectangle

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



730198



A90035



005600



005B58

Sweetspot

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



730198



B689C4



012798



5B4063



E3E3E3



636363

Same Dimension

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



730198



9400C4



980172



4B454D



6A008C



0A000D

Inverse Universe

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



980126



C40030



019827



4D4547



8C0022



0D0003

Previews

White Background



This preview shows how the Hex color 730198 looks on a white background.

Color Contrast Check

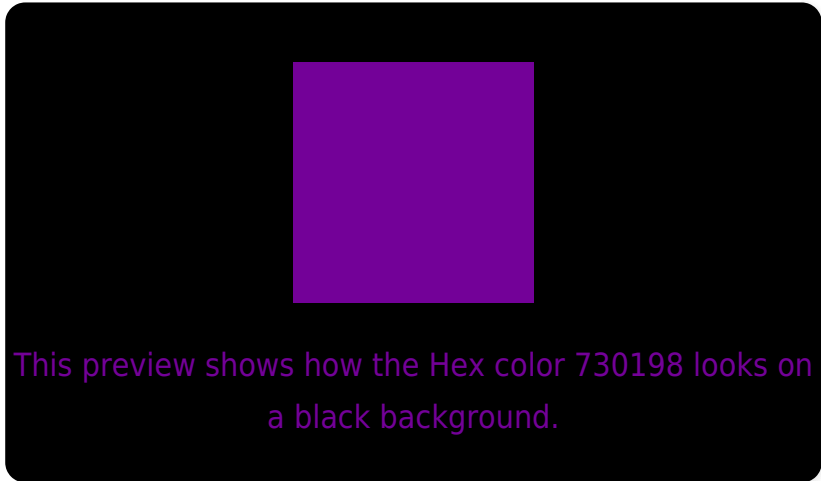
Large Text (above 18pt) WCAG AA ✓ Pass

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

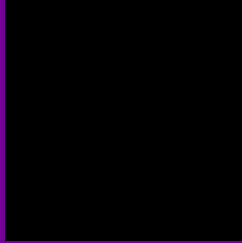
Any Text WCAG AA × Fail

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 730198 Background



This preview shows how black text looks on a background with the Hex color 730198.

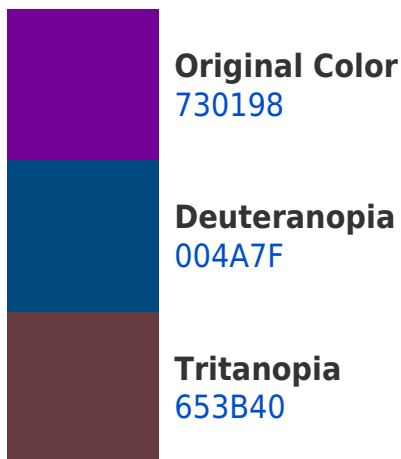


This preview shows how white text looks on a background with the Hex color 730198.

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



Trichromacy



Original Color
730198

Deuteranomaly
2A2F88

Tritanomaly
6A2660

Monochromacy



Original Color
730198

Achromatopsia
343434

Achromatomaly
4B2158

CSS Examples

Text

The CSS property to change the color of the text to Hex 730198 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 #730198 looks like.

```
.text, #text, p{  
    color:#730198  
}
```

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 #730198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730198
}
```

Border

The CSS property to change the border of an element to Hex 730198 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".

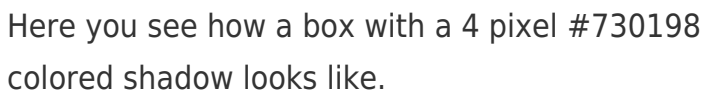
```
.border, #border, table{ border:4px solid
#730198 }
```

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

```
.border{ border-color:#730198 }
```

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

Here you see how a box with a 4 pixel #730198 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730198; -webkit-box-shadow:4px 4px  
4px 4px #730198; box-shadow:4px 4px 4px  
4px #730198 }
```

Background

The CSS property to change the background color of an element to Hex 730198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730198 }
```

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

```
.background{ background-color:#730198 }
```

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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