

Converting Colors

Hex(730AC2)

Have a look what the booklet for
Hex(730AC2) contains.

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Color

Hex(730AC2)

Conversions

Conversions Part 1

Format	Color
Hex	730AC2
RGB	115, 10, 194
RGB Percent	45%, 4%, 76%
CMY	0.5490, 0.9608, 0.2392
CMYK	0.41, 0.95, 0.00, 0.24
HSL	274°, 90%, 40%
HSV	274°, 95%, 76%
XYZ	16.9164, 7.7570, 51.6446
YIQ	62.3710, 3.5160, 79.4840

Conversions

Conversions Part 2

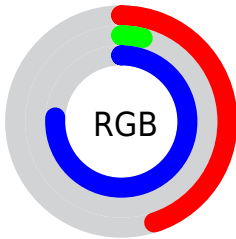
Format	Color
R_{YB}	115, 10, 194
Decimal	7539394
CIE _{Lab}	33.47, 68.01, -70.68
CIE _{LCh}	33, 98.086, 313.898
Yxy	7.7570, 0.2217, 0.1016
Android (android.graphics.Color)	4285729474 (0xFF730AC2)
YUV	62.3710, 64.8931, 46.1556
Hunter-Lab	27.8513, 59.6778, -90.4453

Details

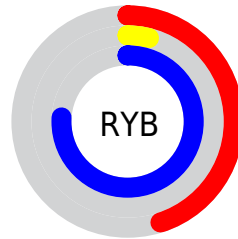
The Hex color **730AC2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **59C20A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AE4EFC**, and **35008B** is the 20% darker color. If you saturate the color by 10%, you get **6F00C2**, and if you desaturate by 10%, it is **7B1DC2**.

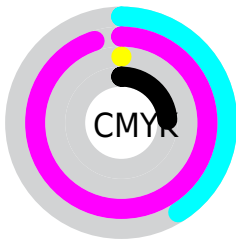
Distribution



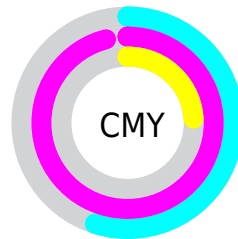
- Red (45%)
- Green (4%)
- Blue (76%)



- Red (45%)
- Yellow (4%)
- Blue (76%)



- Cyan (41%)
- Magenta (95%)
- Yellow (0%)
- Black (24%)



- Cyan (55%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 730AC2 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 730AC2 by changing the saturation by 10% instead.

730AC2

730AC2

FFFFFF

5500A6

AE4EFC

35008B

CC6AFF

0C0071

EA86FF

000057

FFA2FF

00063E

FFBEFF

000328

FFDBFF

000111

FFF9FF

000000

730AC2

730AC2

6F00C2

7B1DC2

8431C2

8C44C2

9458C2

9D6BC2

A57EC2

AD92C2

B6A5C2

BEB9C2

Harmonies

Analogous

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



0050EC



730AC2



BC007C

Triad

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



730AC2



823B00



006973

Complementary

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



730AC2



59C20A

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.



00661E



730AC2



3E5700

Square

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



730AC2



B20000



006200



006ABC

Rectangle

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



730AC2



CA0049



006200



006858

Sweetspot

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



730AC2



DEB6FC



0A5AC2



6D5480



000000



808080

Same Dimension

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



730AC2



9000FC



C20AB6



5D5761



5C00A1



130021

Inverse Universe

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



C20A59



FC006C



0AC216



61575B



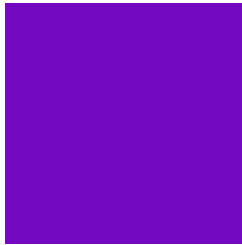
A10045



21000E

Previews

White Background



This preview shows how the Hex color 730AC2 looks on a white background.

Color Contrast Check

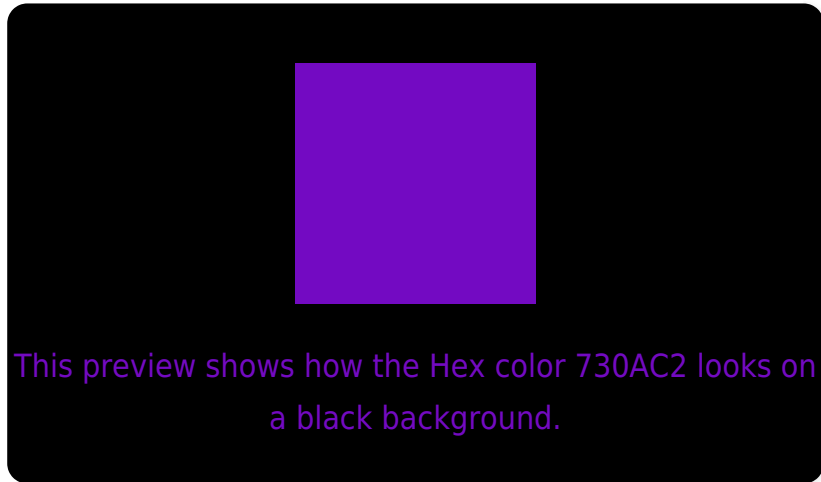
Large Text (above 18pt) WCAG AA ✓ Pass

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

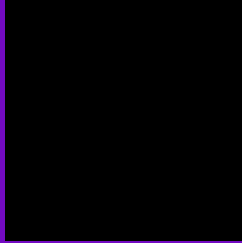
Any Text WCAG AA × Fail

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 730AC2 Background



This preview shows how black text looks on a background with the Hex color 730AC2.



This preview shows how white text looks on a background with the Hex color 730AC2.

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
730AC2

Protanomaly
2A35AE

Tritanomaly
64347B

Monochromacy



Original Color
730AC2

Achromatopsia
3E3E3E

Achromatomaly
512B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 730AC2 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 #730AC2 looks like.

```
.text, #text, p{  
    color:#730AC2  
}
```

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 #730AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730AC2
}
```

Border

The CSS property to change the border of an element to Hex 730AC2 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
#730AC2 }
```

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

```
.border{ border-color:#730AC2 }
```

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

Here you see how a box with a 4 pixel #730AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730AC2; -webkit-box-shadow:4px 4px  
4px 4px #730AC2; box-shadow:4px 4px 4px  
4px #730AC2 }
```

Background

The CSS property to change the background color of an element to Hex 730AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730AC2 }
```

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

```
.background{ background-color:#730AC2 }
```

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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