

Converting Colors

Hex(740AAC)

Have a look what the booklet for
Hex(740AAC) contains.

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Color

Hex(740AAC)

Conversions

Conversions Part 1

Format	Color
Hex	740AAC
RGB	116, 10, 172
RGB Percent	45%, 4%, 67%
CMY	0.5451, 0.9608, 0.3255
CMYK	0.33, 0.94, 0.00, 0.33
HSL	279°, 89%, 36%
HSV	279°, 94%, 67%
XYZ	14.7574, 6.9086, 39.5854
YIQ	60.1620, 11.1740, 72.8540

Conversions

Conversions Part 2

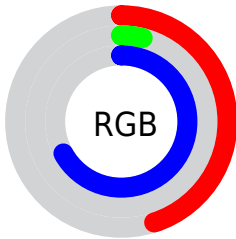
Format	Color
R_{YB}	116, 10, 172
Decimal	7604908
CIE _{Lab}	31.60, 63.57, -60.68
CIE _{LCh}	32, 87.882, 316.335
Yxy	6.9086, 0.2409, 0.1128
Android (android.graphics.Color)	4285794988 (0xFF740AAC)
YUV	60.1620, 55.1361, 48.9699
Hunter-Lab	26.2843, 54.2218, -70.8946

Details

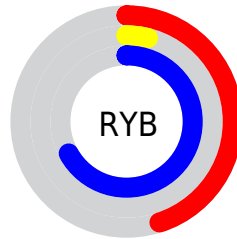
The Hex color **740AAC** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **42AC0A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **AD4CE4**, and **3B0076** is the 20% darker color. If you saturate the color by 10%, you get **7100AC**, and if you desaturate by 10%, it is **7A1BAC**.

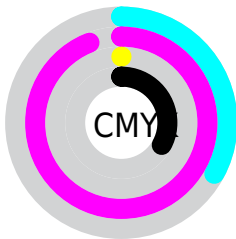
Distribution



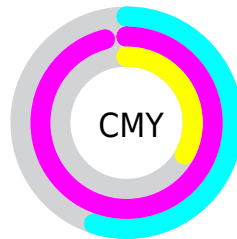
- Red (45%)
- Green (4%)
- Blue (67%)



- Red (45%)
- Yellow (4%)
- Blue (67%)



- Cyan (33%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (96%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 740AAC 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 740AAC by changing the saturation by 10% instead.

740AAC

740AAC

FFFFFF

580091

AD4CE4

3B0076

CB68FF

1E005D

E884FF

000044

FF9FFF

00032D

FFBCFF

000117

FFD8FF

000000

FFF6FF

740AAC

740AAC

7100AC

7A1BAC

802CAC

863EAC

8C4FAC

9260AC

9871AC

9E82AC

A494AC

AAA5AC

Harmonies

Analogous

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



0049D3



740AAC



AE006D

Triad

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



740AAC



753C00



006370

Complementary

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



740AAC



42AC0A

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.



006026



740AAC



375300

Square

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



740AAC



A10000



005D00



0063B0

Rectangle

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



740AAC



B90040



005D00



006258

Sweetspot

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



740AAC



CBA2E0



0A43AC



634A70



F0F0F0



707070

Same Dimension

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



740AAC



9300E0



AC0A94



544E57



620096



0F0017

Inverse Universe

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



AC0A42



E0004E



0AAC22



574E51



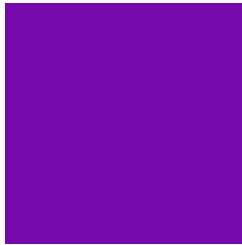
960034



170008

Previews

White Background



This preview shows how the Hex color 740AAC looks on a white background.

Color Contrast Check

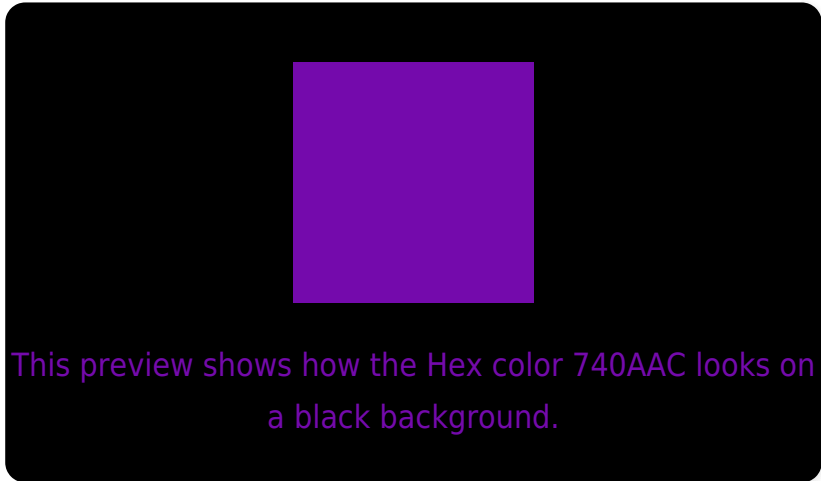
Large Text (above 18pt) WCAG AA ✓ Pass

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

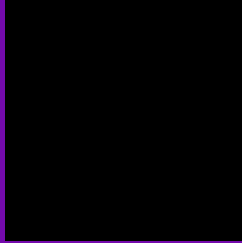
Any Text WCAG AA × Fail

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 740AAC Background



This preview shows how black text looks on a background with the Hex color 740AAC.



This preview shows how white text looks on a background with the Hex color 740AAC.

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
740AAC

Protanopia
004A9B

Deuteranopia
004E86



Tritanopia
624449

Trichromacy



Original Color
740AAC

Protanomaly
2A33A1

Deuteranomaly
2A3594

Tritanomaly
692F6D

Monochromacy



Original Color
740AAC

Achromatopsia
3C3C3C

Achromatomaly
502A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 740AAC 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 #740AAC looks like.

```
.text, #text, p{  
    color:#740AAC  
}
```

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 #740AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #740AAC }
}
```

Border

The CSS property to change the border of an element to Hex 740AAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

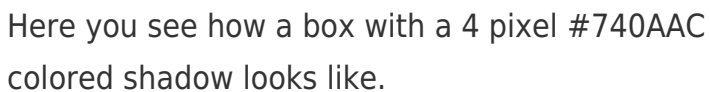
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #740AAC }
}
```

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

```
.border{ border-color:#740AAC }
```

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



Here you see how a box with a 4 pixel #740AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #740AAC; -webkit-box-shadow:4px 4px  
4px 4px #740AAC; box-shadow:4px 4px 4px  
4px #740AAC }
```

Background

The CSS property to change the background color of an element to Hex 740AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#740AAC }
```

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

```
.background{ background-color:#740AAC }
```

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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