

Converting Colors

Hex(741AC6)

Have a look what the booklet for
Hex(741AC6) contains.

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Color

Hex(741AC6)

Conversions

Conversions Part 1

Format	Color
Hex	741AC6
RGB	116, 26, 198
RGB Percent	45%, 10%, 78%
CMY	0.5451, 0.8980, 0.2235
CMYK	0.41, 0.87, 0.00, 0.22
HSL	271°, 77%, 44%
HSV	271°, 87%, 78%
XYZ	17.7649, 8.5290, 54.1360
YIQ	72.5180, -1.5720, 72.5720

Conversions

Conversions Part 2

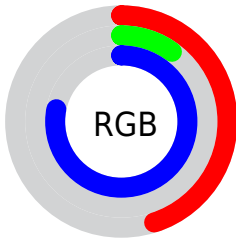
Format	Color
R_{YB}	116, 26, 198
Decimal	7609030
CIE _{Lab}	35.06, 65.78, -70.41
CIE _{LCh}	35, 96.357, 313.057
Yxy	8.5290, 0.2209, 0.1060
Android (android.graphics.Color)	4285799110 (0xFF741AC6)
YUV	72.5180, 61.8626, 38.1337
Hunter-Lab	29.2045, 57.4726, -89.4621

Details

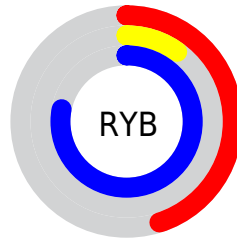
The Hex color **741AC6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **6CC61A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **AF56FF**, and **36008F** is the 20% darker color. If you saturate the color by 10%, you get **6B06C6**, and if you desaturate by 10%, it is **7D2EC6**.

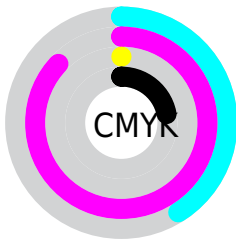
Distribution



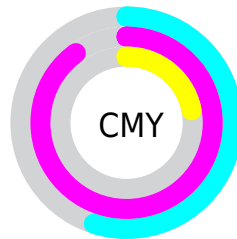
- Red (45%)
- Green (10%)
- Blue (78%)



- Red (45%)
- Yellow (10%)
- Blue (78%)



- Cyan (41%)
- Magenta (87%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (90%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 741AC6 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 741AC6 by changing the saturation by 10% instead.

741AC6

741AC6

FFFFFF

5600AA

AF56FF

36008F

CD71FF

0B0074

EB8DFF

00005B

FFA9FF

000642

FFC5FF

00032B

FFE2FF

000115

000000

741AC6

741AC6

6B06C6

7D2EC6

6800C6

8742C6

9055C6

9A69C6

A37DC6

AD91C6

B6A5C6

C0B8C6

C9CCC6

Harmonies

Analogous

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



0055EE



741AC6



BE0081

Triad

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



741AC6



883D00



006D74

Complementary

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



741AC6



6CC61A

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.



006B20



741AC6



465A00

Square

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



741AC6



B70000



006600



006EBD

Rectangle

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



741AC6



CD004F



006600



006C59

Sweetspot

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



741AC6



DFBDFE



1A6DC6



6D5880



000000



808080

Same Dimension

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



741AC6



8500FF



C61AC3



5F5A63



5500A3



130024

Inverse Universe

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



C61A6C



FF007A



1AC61D



635A5E



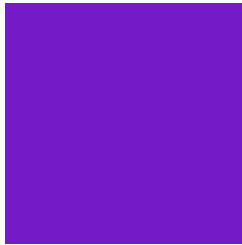
A3004E



240011

Previews

White Background



This preview shows how the Hex color 741AC6 looks on a white background.

Color Contrast Check

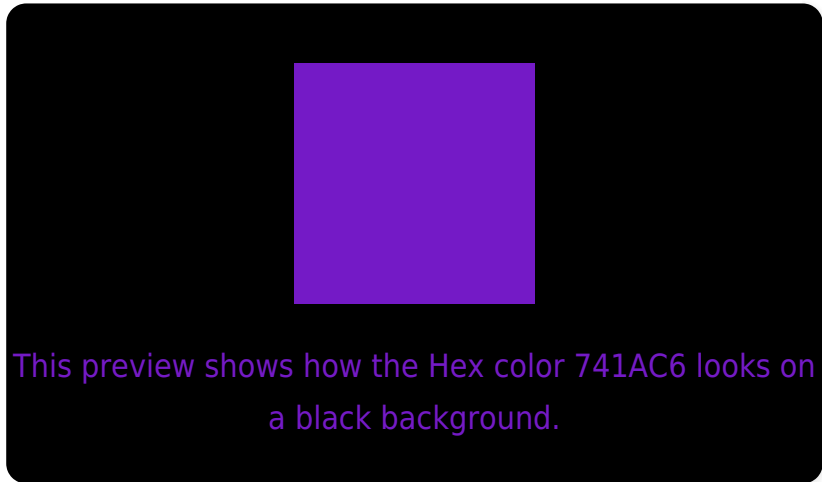
Large Text (above 18pt) WCAG AA ✓ Pass

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

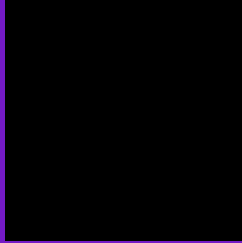
Any Text WCAG AA × Fail

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 741AC6 Background



This preview shows how black text looks on a background with the Hex color 741AC6.



This preview shows how white text looks on a background with the Hex color 741AC6.

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
741AC6

Protanopia
0050A9

Deuteranopia
005692



Tritanopia
5B5056

Trichromacy



Original Color
741AC6



Protanomaly
2A3CB4



Deuteranomaly
2A40A5



Tritanomaly
643C7F

Monochromacy



Original Color
741AC6



Achromatopsia
494949



Achromatomaly
593876

CSS Examples

Text

The CSS property to change the color of the text to Hex 741AC6 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 #741AC6 looks like.

```
.text, #text, p{  
    color:#741AC6  
}
```

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 #741AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #741AC6
}
```

Border

The CSS property to change the border of an element to Hex 741AC6 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
#741AC6 }
```

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

```
.border{ border-color:#741AC6 }
```

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

Here you see how a box with a 4 pixel #741AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #741AC6; -webkit-box-shadow:4px 4px  
4px 4px #741AC6; box-shadow:4px 4px 4px  
4px #741AC6 }
```

Background

The CSS property to change the background color of an element to Hex 741AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#741AC6 }
```

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

```
.background{ background-color:#741AC6 }
```

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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