

Converting Colors

Hex(745194)

Have a look what the booklet for
Hex(745194) contains.

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Color

Hex(745194)

Conversions

Conversions Part 1

Format	Color
Hex	745194
RGB	116, 81, 148
RGB Percent	45%, 32%, 58%
CMY	0.5451, 0.6824, 0.4196
CMYK	0.22, 0.45, 0.00, 0.42
HSL	271°, 29%, 45%
HSV	271°, 45%, 58%
XYZ	15.4902, 11.7360, 29.4658
YIQ	99.1030, -0.6470, 28.2570

Conversions

Conversions Part 2

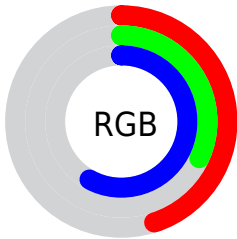
Format	Color
R_{YB}	116, 81, 148
Decimal	7623060
CIE _{Lab}	40.79, 28.31, -31.45
CIE _{LCh}	41, 42.314, 312.001
Yxy	11.7360, 0.2732, 0.2070
Android (android.graphics.Color)	4285813140 (0xFF745194)
YUV	99.1030, 24.1062, 14.8187
Hunter-Lab	34.2578, 20.7603, -27.0160

Details

The Hex color **745194** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **719451**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A983CA**, and **422361** is the 20% darker color. If you saturate the color by 10%, you get **6D4294**, and if you desaturate by 10%, it is **7B6094**.

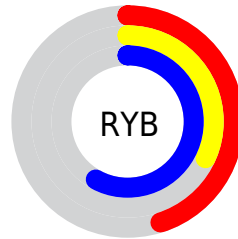
Distribution



Red (45%)

Green (32%)

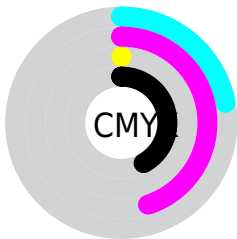
Blue (58%)



Red (45%)

Yellow (32%)

Blue (58%)

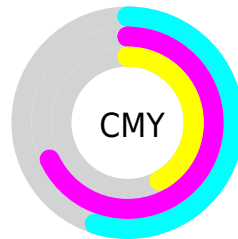


Cyan (22%)

Magenta (45%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (68%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745194 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 745194 by changing the saturation by 10% instead.

■ 745194

■ 745194

FFFFFF

■ 5A397A

■ A983CA

■ 422361

■ C59DE7

■ 290D49

■ E1B9FF

■ 170032

■ FED4FF

■ 00011C

■ FFF1FF

■ 000000

■ 745194

■ 745194

■ 6D4294

■ 7B6094

■ 663394

■ 826F94

5F2594

897D94

581694

908C94

510794

979B94

4D0094

9EAA94

A5B994

ADC794

B4D694

Harmonies

Analogous

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



375FA4



745194



944476

Triad

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



745194



84571B



00716E

Complementary

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



745194



719451

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.



00704A



745194



656315

Square

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



745194



984933



3F6B29



006F8E

Rectangle

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



745194



9E405F



3F6B29



007162

Sweetspot

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



745194



B2A4BF



517194



595061



E0E0E0



616161

Same Dimension

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



745194



8E58BF



945193



46434A



48008A



05000A

Inverse Universe

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



945171



BF5889



519452



4A4346



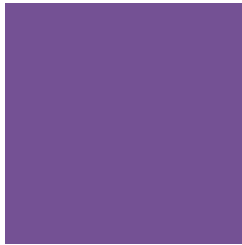
8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 745194 looks on a white background.

Color Contrast Check

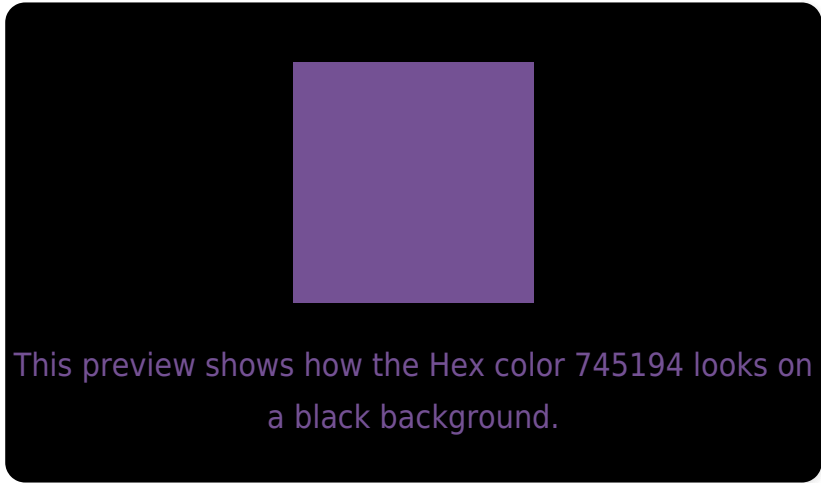
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

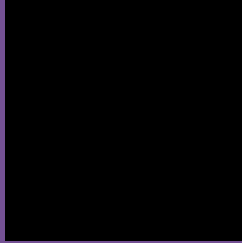
Any Text WCAG AA × Fail

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 745194 Background



This preview shows how black text looks on a background with the Hex color 745194.



This preview shows how white text looks on a background with the Hex color 745194.

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
745194

Protanopia
465EAO

Deuteranopia
4A6091



Tritanopia
6C5C63

Trichromacy



Original Color
745194

Protanomaly
57599C

Deuteranomaly
595B92

Tritanomaly
6F5875

Monochromacy



Original Color
745194

Achromatopsia
636363

Achromatomaly
695C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 745194 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 #745194 looks like.

```
.text, #text, p{  
    color:#745194  
}
```

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 #745194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745194
}
```

Border

The CSS property to change the border of an element to Hex 745194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

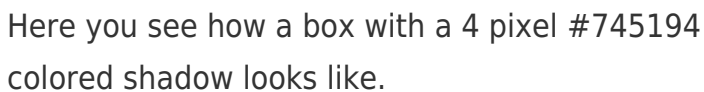
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745194 }
```

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

```
.border{ border-color:#745194 }
```

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



Here you see how a box with a 4 pixel #745194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745194; -webkit-box-shadow:4px 4px  
4px 4px #745194; box-shadow:4px 4px 4px  
4px #745194 }
```

Background

The CSS property to change the background color of an element to Hex 745194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745194 }
```

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

```
.background{ background-color:#745194 }
```

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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