

Converting Colors

Hex(745197)

Have a look what the booklet for
Hex(745197) contains.

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Color

Hex(745197)

Conversions

Conversions Part 1

Format	Color
Hex	745197
RGB	116, 81, 151
RGB Percent	45%, 32%, 59%
CMY	0.5451, 0.6824, 0.4078
CMYK	0.23, 0.46, 0.00, 0.41
HSL	270°, 30%, 45%
HSV	270°, 46%, 59%
XYZ	15.7308, 11.8322, 30.7329
YIQ	99.4450, -1.6100, 29.1900

Conversions

Conversions Part 2

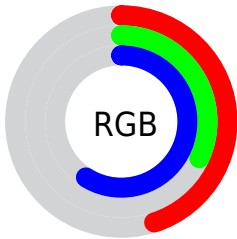
Format	Color
R_{YB}	116, 81, 151
Decimal	7623063
CIE _{Lab}	40.95, 29.05, -33.01
CIE _{LCh}	41, 43.972, 311.355
Yxy	11.8322, 0.2698, 0.2030
Android (android.graphics.Color)	4285813143 (0xFF745197)
YUV	99.4450, 25.4166, 14.5187
Hunter-Lab	34.3980, 21.4346, -28.8940

Details

The Hex color **745197** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749751**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A983CE**, and **412364** is the 20% darker color. If you saturate the color by 10%, you get **6C4297**, and if you desaturate by 10%, it is **7C6097**.

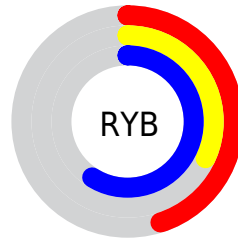
Distribution



Red (45%)

Green (32%)

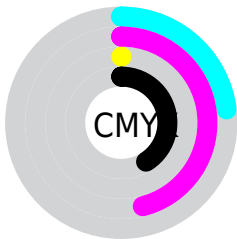
Blue (59%)



Red (45%)

Yellow (32%)

Blue (59%)

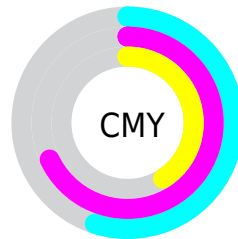


Cyan (23%)

Magenta (46%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (68%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745197 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 745197 by changing the saturation by 10% instead.

■ 745197

■ 745197

FFFFFF

■ 5A397D

■ A983CE

■ 412364

■ C59DEA

■ 290C4B

■ E2B9FF

■ 160034

■ FFD4FF

■ 00021E

■ FFF1FF

■ 000000

■ 745197

■ 745197

■ 6C4297

■ 7C6097

■ 653397

■ 836F97

■ 5D2497

■ 8B7E97

■ 561597

■ 928D97

■ 4E0597

■ 9A9C97

■ 4C0097

■ A1AC97

■ A9BB97

■ B0CA97

■ B8D997

Harmonies

Analogous

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



3160A7



745197



964378

Triad

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



745197



865718



00726E

Complementary

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



745197



749751

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.



007048



745197



666311

Square

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



745197



9B4833



3F6C27



00708F

Rectangle

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



745197



A03E60



3F6C27



007261

Sweetspot

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



745197



B7A9C4



517497



5B5363



E3E3E3



636363

Same Dimension

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



745197



8D56C4



975197



49454D



46008C



06000D

Inverse Universe

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



975174



C4568D



519751



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 745197 looks on a white background.

Color Contrast Check

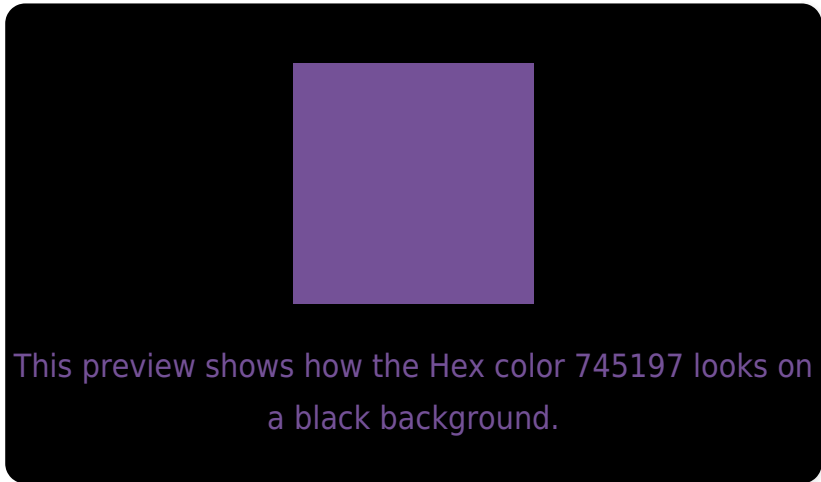
Large Text (above 18pt) WCAG AA ✓ Pass

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

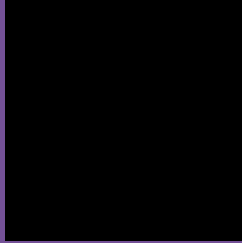
Any Text WCAG AA × Fail

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 745197 Background



This preview shows how black text looks on a background with the Hex color 745197.

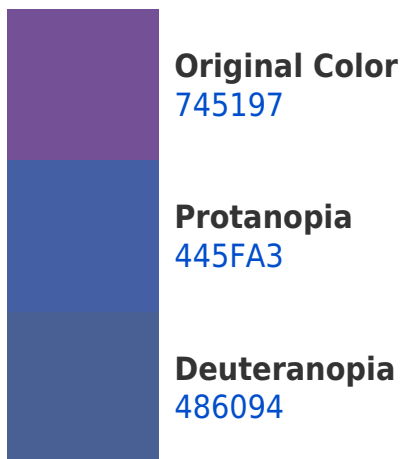


This preview shows how white text looks on a background with the Hex color 745197.

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





Tritanopia
6B5D64

Trichromacy



Original Color
745197

Protanomaly
555A9F

Deuteranomaly
585B95

Tritanomaly
6E5977

Monochromacy



Original Color
745197

Achromatopsia
636363

Achromatomaly
695C76

CSS Examples

Text

The CSS property to change the color of the text to Hex 745197 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 #745197 looks like.

```
.text, #text, p{  
    color:#745197  
}
```

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 #745197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745197
}
```

Border

The CSS property to change the border of an element to Hex 745197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

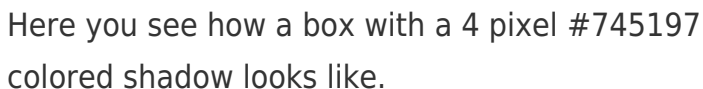
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745197 }
```

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

```
.border{ border-color:#745197 }
```

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



Here you see how a box with a 4 pixel #745197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745197; -webkit-box-shadow:4px 4px  
4px 4px #745197; box-shadow:4px 4px 4px  
4px #745197 }
```

Background

The CSS property to change the background color of an element to Hex 745197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745197 }
```

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

```
.background{ background-color:#745197 }
```

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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